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87
64TH CONGRESS }
2d Session }

HOUSE OF REPRESENTATIVES

{ DOCUMENT
No. 1440

EXPENDITURES FOR TRAVEL DEPARTMENT OF AGRICULTURE

LETTER FROM
THE SECRETARY OF AGRICULTURE

TRANSMITTING

A STATEMENT SHOWING IN DETAIL THE TRAVEL,
FROM WASHINGTON TO POINTS OUTSIDE OF THE
DISTRICT OF COLUMBIA, PERFORMED BY OFFICERS
AND EMPLOYEES OF THE DEPARTMENT OF AGRI-
CULTURE DURING THE FISCAL YEAR 1916



DECEMBER 6, 1916.—Referred to the Committee on Expenditures in the
Department of Agriculture and ordered to be printed

WASHINGTON
GOVERNMENT PRINTING OFFICE

1916

LETTER OF TRANSMITTAL.

DEPARTMENT OF AGRICULTURE,
Washington, December 4, 1916.

SIR: As required by the act approved May 22, 1908 (35 Stat. L., 244), I have the honor to transmit herewith a statement showing in detail the travel, from Washington to points outside of the District of Columbia, performed by officers and employees (other than special agents, inspectors, and employees who in the discharge of their regular duties are required to constantly travel) of the Department of Agriculture during the fiscal year 1916.

A copy of this report has also been transmitted to the President of the Senate.

Very respectfully,

D. F. HOUSTON,
Secretary.

The SPEAKER OF THE HOUSE OF REPRESENTATIVES.

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Abbott, J. S.	Chemist in charge Chemistry....		Chicago, Ill.; Denver, Colo.; Cheyenne, Wyo.; Salt Lake City, Utah; Boise, Idaho; Portland, Oreg.; Seattle, Wash.; San Francisco, Oakland, Cal.; San Antonio, Tex.; Waco, Dallas, Tex.; St. Louis, Mo. (July 13-Sept. 5, 1916).	To perform work as regards collaboration between the Federal and State Governments in connection with the enforcement of the food and drugs act; to secure closer and more effective cooperation in this important work.	\$289.60
Do.	do.		do. ....	.....	34.82
Do.	do.		Columbus, Ohio; St. Louis, Kansas City, Mo. (Dec. 16-22, 1915).	.....	94.41
Do.	do.		Nashville, Tenn.; Montgomery, Ala. (Jan. 23-27, 1916).	.....	71.25
Do.	do.		Columbia, S. C.; Savannah, Thomasville, Atlanta, Augusta, Ga.; Jacksonville, Tallahassee, Fla. (Mar. 23-30, 1916).	.....	86.20
Do.	do.		Richmond, Va.; Raleigh, N. C. (April 5-8, 1916).	.....	28.91
Do.	do.		Columbus, Ohio; Indianapolis, Lafayette, Ind.; Chicago, Ill. (Apr. 23-28, 1916).	.....	72.63
Do.	do.		New York, N. Y.; Trenton, N. J. (May 8-11, 1916).	.....	27.88
Do.	do.		Harrisburg, Pa. (May 22, 1916).	do.	8.67
Do.	do.		Trenton, New Brunswick, N. J.; New York, N. Y.; New Haven, Conn.; Providence, R. I. (May 30-June 4, 1916).	.....	45.28
Do.	do.		Chicago, Ill.; St. Louis, Mo.; Agricultural College, Artista, Miss.; Tuscaloosa, Montgomery, Ala. (June 11-20, 1916).	.....	89.40
Ackley Clifford	Veterinary inspector .. Animal Industry....		Philadelphia, Pa. (July 15-17, 1915).	To secure data regarding eradication of foot-and-mouth disease.	17.83
Adams, J. B.	Assistant forester....	Forest Service.	Ogden, Utah; Missoula, Mont.; points in Idaho and Montana (July 17-Sept. 3, 1915).	To make an administrative inspection of the district and forest headquarters at the points visited.	337.46
Do.	do.		Lynchburg, Va.; Asheville, N. C.; Pensacola, De Funiak, Jacksonville, Fla. (Nov. 19-Dec. 4, 1915).	To inspect the office and field work on the purchase areas and forests of District 7.	181.34
Do.	do.		Salt Lake City, Utah (Feb. 4-20, 1916).	To attend a meeting of district foresters.	193.30
Do.	do.		Missoula, Mont.; Portland, Ore.; San Francisco, Cal.; Ogden, Utah; Albuquerque, N. Mex., Denver, Colo. (Apr. 2-May 6, 1916).	To consult with district foresters concerning administrative matters in their districts.	391.11

EXPENDITURES FOR TRAVEL, DEPARTMENT OF AGRICULTURE.

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320.31

Adams, J. M. R.	Quarantine inspector..	Federal Horticultural Board.	To conduct a survey for powdery scab of potatoes.	
Do.....	do.....	do.....	To make a survey of powder scab of potatoes, in connection with Cotton and Truck Disease Investigations.	251.20
Adams, T. C.	Assistant in agricultural technology.	Office of Markets and Rural Organization.	To conduct spinning tests of Arizona-Egyptian cotton in the investigations of the office relating to the handling and marketing of cotton.	73.86
Do.....	do.....	do.....	To examine and select bales of cotton for use in the preparation of the official cotton standards in accordance with the provisions of the United States cotton futures act.	13.25
Do.....	do.....	do.....	To conduct spinning tests of Arizona-Egyptian cotton in the investigations of the office relating to the handling and marketing of cotton.	61.20
Do.....	do.....	do.....	To assist in the semicommercial mill tests at the Poasett Manufacturing Co., Fall River, Mass., to determine the waste, tensile strength, and bleaching qualities, as well as spinning value, of the different grades and classes of cotton, and to assist in the production of a moving-picture film at the Lowell Textile School, in regard to above tests.	29.75
Do.....	do.....	do.....	To visit steamship piers and railroad yards with a view of making moving pictures of hauling cotton, and to assist moving-picture laboratory in production of film, for this office, of cotton from planting to picking of same, and otherwise investigate the ginning, baling, grading, and handling of cotton.	124.81
Do.....	do.....	do.....	To make a survey of the aquatic and marsh plants in wild-flow resorts.	203.77
Alexander, C. P.	Field assistant.....	Biological Survey.....	Various points in South Carolina, Kentucky, and Tennessee (July 27-Oct. 14, 1915).	179.48
Allen, E. W.	Chief, Office of Experiment Stations and editor Experiment Station Record.	States Relations Service.	St. Paul, Minn.; Fargo, N. Dak.; Bozeman, Mont.; Spokane, Wash.; Moscow, Idaho; Portland, Albany, Corvallis, Oreg.; Davis, Cal.; Reno, Nev.; Free-mont, Lincoln, Nebr.; Madison, Ashland, Wis. (July 17-Aug. 23, 1915); New Brunswick, N. J.; Newark, Del.; New Haven, Hartford, Conn. (Aug. 29-Sept. 20, 1915); Knoxville, Tenn.; Lexington, Ky. (Nov. 9-14, 1915).	411.78
Do.....	do.....	do.....	do.....	48.70
Do.....	do.....	do.....	do.....	57.77

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Allen, E. W.	Chief, Office of Experiment Stations and editor Experiment Station Record.	States Relations Service.	Houston, El Paso, Tex; Mesilla Park, N. Mex.; Tucson, Ariz.; Los Angeles, Berkeley, Cal.; Reno, Nev.; Ogden, Logan, Salt Lake City, Utah; Topeka, Manhattan, Kans.; Kansas City, Columbia, St. Louis, Mo. (Apr. 16-May 29, 1916). Philadelphia, Pa. (July 30-31, 1915).....	To inspect State experiment stations under the act of Mar. 2, 1887, and amendatory acts, and to confer with officials of colleges and experiment stations in relation to their work and condition.	\$387.30
Allen, F. M.	Mechanic	Chemistry	New York, N. Y. (Dec. 20-24, 1915).....	To inspect a fish conveyor in connection with a machine for cutting and eviscerating fish, in connection with the investigations relative to the preparation for market, handling, packing, and transportation of fish.	17.40
Do.....	do.....	do.....	New York, N. Y. (Jan. 11-20, 1916).....	To assist in the installation of laboratory equipment.	31.78
Do.....	do.....	do.....	New York, N. Y. (May 22-24, 1916).....	To inspect certain laboratory equipment.	40.00
Do.....	do.....	do.....	Chicago, Ill.; Oakland, San Francisco, San Pedro, Pomona, Ontario, Riverside, Corona, Olive, Los Angeles, Sacramento, Cal.; Seattle, Wash.; Vancouver, Canada; St. Paul, Minn. (July 29-Aug. 30, 1915.)	To attend the meetings of the Association of American Dairy, Food and Drug Officials, and to supervise, direct, and inspect the work of the Bureau of Chemistry in connection with the enforcement of the food and drugs act.	25.00
Do.....	do.....	do.....	Columbus, Ohio (Sept. 23-25, 1915).....	To attend the meeting of the National Association of Master Bakers.	39.36
Do.....	do.....	do.....	Newark, N. J.; New York, N. Y. (Oct. 12-14, 1915.)	To supervise, direct, and inspect the work of the Bureau of Chemistry in connection with the enforcement of the food and drugs act.	12.12
Do.....	do.....	do.....	St. Louis, Mo. (Nov. 3-10, 1915).	do.....	81.15
Do.....	do.....	do.....	Chicago, Ill. (Feb. 16-18, 1916)	do.....	29.35
Do.....	do.....	do.....	Philadelphia, Pa. (March 9-11, 1916)	do.....	26.80
Do.....	do.....	do.....	New York, N. Y.; Chicago, Ill.; Kansas City, Mo.; Memphis, Tenn.; Baltimore, Md. (May 20-27, 1916).	do.....	131.84
Do.....	do.....	do.....	Indianapolis, Ind.; Chicago, Ill.; Detroit, Mich. (June 11-16, 1916)	do.....	52.18
Do.....	do.....	Federal Horticultural Board.	Boston, Mass. (Aug. 17-20, 1915).....	To confer with importers of cotton as to the best means of guarding against the introduction and establishment of the pink boll worm and other cotton insects, and to confer with the officials in field charge of the enforcement of the gypsy moth and brown-tail moth quarantines.	41.85
Althouse, R. C.	Secretary of board	do.....	Baltimore, Md. (Apr. 11, 1916).....	To investigate the different grades of waste arising in the manufacture of cotton in relation to the regulation of utilization of waste from foreign cottons.	5.17

EXPENDITURES FOR TRAVEL, DEPARTMENT OF AGRICULTURE.

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Anderson, G. G.....	Inspector of records.....	Forest Service.....	To inspect the district office files and records and to give instructions in the preparation of papers relating to personnel status and in civil-service procedure generally.	418.80
Anderson G. H.	Assistant in cotton classing.	Office of Markets and Rural Organization.	To assist in the semicommercial tests to be made at the Pocasset Mfg. Co., for determining the tensile strength, waste, and bleaching qualities, as well as the relative spinning value of different grades and classes of cotton.	346.76
Anderton, B. A.	Assistant chemist.....	Office of Public Roads and Rural Engineering.	To standardize methods of testing bituminous road materials.	1.20
	do.....	do.....	To investigate construction of bituminous road.	.20
	do.....	do.....	do.....	.50
	do.....	do.....	do.....	1.33
	do.....	do.....	To standardize methods of testing bituminous road materials.	1.33
	do.....	do.....	To investigate construction of bituminous road.	.20
	do.....	do.....	do.....	.50
	do.....	do.....	do.....	1.33
Do.....	do.....	Charleston, W. Va. (Aug. 15-16, 1915).....	To standardize methods of testing bituminous road materials.	38.69
Do.....	do.....	Charleston, W. Va. (Aug. 15-16, 1915).....	To investigate construction of bituminous road.	.15
Do.....	do.....	Charleston, W. Va. (Aug. 26-30, 1915).....	do.....	94.10
Do.....	do.....	Charleston, W. Va. (Aug. 26-30, 1915).....	do.....	20.60
Do.....	do.....	Charleston, W. Va. (Aug. 26-30, 1915).....	do.....	224.94
Do.....	do.....	Charleston, W. Va. (Aug. 26-30, 1915).....	do.....	122.40
Do.....	do.....	Charleston, W. Va. (Aug. 26-30, 1915).....	do.....	296.60
Andrews, Frank.....	Chief, Division of Crop Records.	Crop estimates.....	Collecting statistical information relative to beefs and beet sugar.	
Anthony, Stephen.....	Technologist in barley investigations.	Plant Industry.....	To collect material and data on wild rice, in connection with cereal investigations.	
Do.....	do.....	do.....	do.....	
Argo, G. R.....	Assistant in cotton-business methods.	Office of Markets and Rural Organization.	To investigate cotton markets and obtain information in relation to the proper enforcement of the United States cotton-futures act.	241.58
Do.....	do.....	do.....	To investigate conditions prevailing in the future and spot markets with special reference to prices of cotton of the grades other than middlings, and to assist in the proper enforcement of the United States cotton-futures act.	249.60

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Argo, G. R.	Assistant in cotton-business methods.	Office of Markets and Rural Organization.	Norfolk, Va.; Charleston, S. C.; Savannah, Augusta, Atlanta, Ga.; Montgomery, Ala.; New Orleans, La.; Galveston, Fort Worth, Dallas, Tex.; Little Rock, Ark.; Memphis, Tenn. (June 4-24, 1916).	To investigate spot market conditions and secure quotations and other information for the proper enforcement of the cotton-futures act and leasing offices in Atlanta, Dallas, and Memphis; establishment of branch offices; also to investigate the ginning, grading, and baling of cotton. Arranging for cooperative survey work; addressing a farmers' meeting Mount Juliette, Tenn.	\$150.50
Arnold, J. H.	Agriculturist.	Office of the Secretary.	Clarksville, Tenn.; Hopkinsville, Ky.; Charleston, W. Va. (May 28-June 19, 1916).	To supervise hog feeding and breeding experiments being conducted at the bureau experimental farm.	115.34
Ashbrook, F. G.	Junior animal husbandman.	Animal Industry.....	Various trips to Beltsville, Md. (July 1, 1915-June 30, 1916).	To confer with officials of the department and State agricultural colleges regarding climatic and economic conditions influencing the type of houses and other structures for use in the swine industry, and regarding materials locally available for the structures.	139.25
Ashby, Wallace.....	Barn architect.	Plant Industry.....	Ames, Des Moines, Iowa; Lincoln, Mitchell, Nebr.; Montrose, Colo.; Fallon, Nev.; North Yakima, Wash.; Caldwell, Idaho; Powell, Wyo.; Huntley, Mont. (Dec. 11, 1915-Mar. 1, 1916).	To investigate the conditions and methods of producing, handling, and marketing cotton relative to making arrangements with community organizations for cooperative investigations during the coming season.	481.17
Atkinson, C. E.	Assistant in cotton marketing.	Office of Markets and Rural Organization.	Memphis, Tenn.; Howe, Okla.; Decatur, Ala.; and various points in Arkansas (Aug. 20, 1915-Jan. 31, 1916).	To examine and select colored cotton for use in the preparation of the Official Cotton Standards of the United States.	679.95
Do.....	do.....	do.....	Memphis, Tenn.; Decatur, Birmingham, Montgomery, Ala. (Feb. 2-16, 1916).	To inspect a water tube boiler for the department.... To inspect a condenser for the department.... To attend a meeting of the dairy instructors and bacteriological committee on milk analysis.... To attend a meeting of the Society of American Bacteriologists and present a paper on Hydrogenion Concentrations of Cultures of Streptococci.	54.59
Augusterfer, Raymond	Chief engineer.	Office of the Secretary.	Barberton, Ohio (Oct. 3-4, 1915).....	To Amherst, Mass., for the purpose of attending a farmers' week of the Massachusetts Agricultural College and delivered lectures on the pasteurization of milk. To New York and Philadelphia to inspect certain milk plants to obtain information on pasteurization for future use in research investigations of the bureau.	43.70
Do.....	do.....	do.....	Carteret, N. J. (Aug. 9-11, 1915).....	To inspect a condenser for the department....	12.55
Ayers, S. H.	Dairy bacteriologist.	Animal Industry.....	Geneva, N. Y. (Sept. 4-8, 1915).....	To attend a meeting of the dairy instructors and bacteriological committee on milk analysis....	30.42
Do.....	do.....	do.....	Champaign, Ill. (Dec. 26-31, 1915).....	To attend a meeting of the Society of American Bacteriologists and present a paper on Hydrogenion Concentrations of Cultures of Streptococci.	61.63
Do.....	do.....	do.....	Amherst, Mass.; New York, N. Y.; Philadelphia, Pa. (Mar. 12-17, 1916).	To Amherst, Mass., for the purpose of attending a farmers' week of the Massachusetts Agricultural College and delivered lectures on the pasteurization of milk. To New York and Philadelphia to inspect certain milk plants to obtain information on pasteurization for future use in research investigations of the bureau.	40.06

Do.....	.....do.....	To attend the Pacific Northwest Association of Dairy and Milk Inspectors at Vancouver and read a paper on Pasteurization; to assist in milk contests at Seattle, Wash., and Portland, Oregon, and to other points to study conditions under which milk is produced and handled.	366.56
Bailey, H. S.....	F o o d investigation chemist.....	To assist in the investigations relative to the packing of foods and food products in tin containers.	48.12
Do.....	.....do.....	do.....	37.55
Do.....	do.....	do.....	1.35
Do.....	do.....	do.....	1.35
Do.....	do.....	do.....	85.20
Do.....	do.....	do.....	27-
Do.....	do.....	do.....	78.57
Do.....	do.....	do.....	186.03
Gettysburg, Harrisburg, Pa.; Rochester, Onida, Canastota, Ithaca, Utica, N. Y.; Newark, N. J.; Detroit, Lansing, Hart, Mich.; Chicago, K-u-r-s-k, Chenoa, Bloomington, Hoosier, Ill.; Indianapolis, Lebanon, Lafayette, Fort Wayne, Ind.; Grand Rapids, Mich. (Oct. 4-30, 1915); Charleston, S. C.; Wilson, Rocky Mount, N. C. (Nov. 21-24, 1915).	To inspect mills making peanut oil and conduct investigations relative to the preparation of peanut oil.	39.93	
Louisville, Ky. (Feb. 6-11, 1916).	To attend the convention of the National Canners' Association.	55.55	
Memphis, Tenn. (June 4-10, 1916).	To attend the convention of the Interstate Cottonseed Crushers' Association and the meeting of the Society of Cotton Products Analysts.	74.03	
Office of Markets and Rural Organization.....	To perform duties relating to market news service for tomato movement and confer with growers and shippers relative to distributing information.	199.50	
Bailey, R. D.....	Scientific assistant.....	To carry on field investigations on the habits and distribution of mammals and birds and determine the life zones of the areas visited.	41.45
Bailey, Vernon.....	Chieffield naturalist.....	To investigate, in cooperation with the Forest Service, the status of the elk herds in the regions visited and formulate plans for their conservation.	599.50
Do.....	.....do.....	To investigate, in cooperation with the Forest Service, the winter conditions among the elk herds in the Yellowstone Park region and secure a census of the elk and other large game animals.	228.89
Do.....	.....do.....	To investigate the winter conditions among the elk herds in the Yellowstone Park region and secure a census of the elk and other large game animals.	119.17
Yellowstone Park region in Wyoming and various other points in Montana and Wyoming (Feb. 25-Mar. 31, 1916).	Yellowstone Park region in Wyoming and various other points in Montana and Wyoming (Apr. 1-16, 1916).		

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Bailey, Vernon.....	Chief field naturalist..	Biological Survey.....	Fargo, N. Dak., and various other points in the State (June 10-30, 1916).	To carry on field investigations on the habits and distribution of mammals and birds and complete the life and crop zone maps of the State.	\$211.75
Bain, J. B.....	Dairy husbandman.....	Animal Industry.....	Greensboro, Winston-Salem, N. C. (July 14-Aug. 10, 1915).	To instruct field men in the investigation of the cost of milk production, in cooperation with the North Carolina Experiment Stations.	101.87
Do.....	.....do.....	.....do.....	Lafayette, Gary, Valparaiso, Ind. (Aug. 11-Sept. 3, 1915).	To conduct investigations to determine the cost of milk production in Porter County, Ind.	112.05
Do.....	.....do.....	.....do.....	Greensboro, Raleigh, N. C. (Oct. 20-24, 1915).	To inspect the bureau work of ascertaining cost of milk production; confer with the official compiling the information and also with a representative of the State of North Carolina regarding cooperative work.	43.02
Do.....	.....do.....	.....do.....	Greensboro, West Salem, Winston-Salem, N. C. (Jan. 4-18, 1916).	To make arrangements for securing data on the cost of milk production.	43.85
Do.....	.....do.....	.....do.....	Lafayette, Valparaiso, Ind. (Jan. 26-Feb. 3, 1916).	To inspect the work to ascertain the cost of milk production.	66.17
Do.....	.....do.....	.....do.....	Boston, Mass.; Laconia, Woodsville, Keene, N. H.; White River Junction, Vt. (Mar. 13-22, 1916).	To inspect prospective places where investigations on cost of milk productions can be started.	63.63
Do.....	.....do.....	.....do.....	Raleigh, N. C. (May 3-4, 1916).....	To supervise the work in the cost of milk production inspections now being conducted in North Carolina.	20.75
Do.....	.....do.....	.....do.....	Claremont, Keene, N. H.; Burlington, St. Albans, Middlebury, Vt. (Apr. 13-26, 1916).	To confer with dairymen regarding the organization of an association on the cost of milk production.	82.40
Baker, A. C.....	Entomological assistant.....	Entomology.....	Crozet, Winchester, Va. (May 24-30, 1916).....	To make observations on plant lice affecting deciduous fruit trees.	29.08
Baker, E. D.....	Scientific assistant in marketing and distribution.....	Office of Markets and Rural Organization.	Various points in Louisiana, Texas, and California (Mar. 18-June 30, 1916).	To make a study of marketing conditions in the various strawberry, tomato, onion, and cantaloupe districts in these States, for the purpose of disseminating information regarding the movement of the products for the various sections in the States named.	535.24
Baker, O. E.....	Agriculturist.....	Office of the Secretary (farm management).	Madison, Wis.; Chicago, Ill.; Ithaca, N.Y. (Nov. 4-14, 1915).	Confering with State agricultural college officials with reference to cooperative work.	92.07
Do.....	.....do.....	.....do.....	Madison, Wis. (June 26-30, 1916).....	Confering and arranging work with collaborators at Madison, Wis., upon the Atlas of American Agriculture, securing data bearing upon the geographic factors, the distribution of crops and farm enterprises, securing criticisms of atlas maps,	31.86

Balcom, R. W.	Food investigation chemist.	Chemistry	To investigate the processes used in the manufacture of vinegar.	51.15
Do	.....do.....	do.....	To conduct investigations relative to the preparation of vinegar from cane juice.	100.45
Ball, Carleton R.	Agronomist.	Plant Industry.....	To inspect cereal work at the bureau stations, collect material in identification nurseries and study the production and improvement of wheat in dry-land areas.	320.25
Do	.....do.....	.....do.....	.....do.....	271.00
Ball, J. S.	Assistant	Office of the Secretary (farm management).	Holding a field conference and making a farm survey of 300 farms in Frederick County, Md.	25.72
Do	.....do.....	.....do.....	Visiting cooperators and securing data in connection with cost accounting investigations.	40.70
Bancroft, W. F.	Administrative assistant, game preservation.	Biological Survey.....	To investigate the interstate shipment of game and collect evidence of violation of the Lacey Act.	4.80
Do	.....do.....	do.....	To investigate violation of the Lacey Act, prohibiting interstate shipment of game.	3.95
Do	.....do.....	do.....	do.....	31.35
Do	.....do.....	do.....	To investigate violation of secs. 241, 242, 243, and 244 of the Criminal Code of the United States, and to confer with inspectors engaged in enforcing the law.	166.15
Do	.....do.....	do.....	To investigate accounts paid by State of Missouri to John B. Thompson, district inspector, migratory bird law.	60.64
Do	.....do.....	do.....	To investigate conditions in connection with proposed changes in regulations under the Federal migratory bird law.	217.57
Do	.....do.....	do.....	do.....	186.52
Do	.....do.....	do.....	.....do.....	.....do.....
Do	.....do.....	do.....	To confer with inspectors engaged in investigating violations of secs. 242, 243, 244 of the United States Criminal Code.	68.10
Do	.....do.....	do.....	To investigate violations of secs. 242, 243, and 244 of the United States Criminal Code.	3.35
Barber, E. H.	Highway engineer.	Office of Public Roads and Rural Engineering.	To collect data relating to highways.....	50.45
Do	.....do.....	do.....	Nashville, Tenn. (Sept. 9-18, 1915).....	126.77
Do	.....do.....	do.....	Boston, Mass. (Sept. 19-21, 1915).....	25.85
Do	.....do.....	do.....	Portland, Me.; Boston, Mass. (Oct. 11-21, 1915),	40.01

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Barber, H. S.....	Assistant.....	Entomology.....	Norfolk and other points in the vicinity of Norfolk, Va. (Sept. 26-Oct. 1, 1915).	To make an investigation of insects affecting the health of man.	\$18.33
Barber, H. W.....	do.....	States Relations Service.	St. Louis, Mo. (Nov. 14-19, 1915).....	To confer with State agents of this service in relation to conduct and progress of county agent work and plans for future work.	81.70
Barghausen, J. F.....	Mechanical assistant.....	Office of Markets and Rural Organization.	Baltimore, Md. (Feb. 1, 1916).....	To confer with contractors, manufacturers and others in relation to steel dies to be made for use in labeling sets of official cotton standards.	2.61
Do.....	do.....	do.....	Old Point Comfort, Newport News, Norfolk, Portsmouth, Pinners Point, Va. (Apr. 12-16, 1916).	To investigate conditions incident to the handling and marketing of cotton seed, particularly with reference to the treatment of seed, for the purpose of sterilization, in cooperation with the Federal Horticultural Board.	24.92
D6.....	do.....	do.....	Raleigh, N.C. (May 16-18, 1916).....	To test a new clover seed harvester, in connection with crimson clover investigations.	21.95
Do.....	do.....	do.....	New York, N. Y.; Newark, Harrison, N. J.; Philadelphia, Pa. (June 8-10, 1916).	To inspect artificial illumination at New York Cotton Exchange; to visit the Edison Co., and investigate lighting experiments.	21.85
Barnes, W. C.....	Assistant forester.....	Forest Service.	Points in Arizona, New Mexico; Portland, Oregon; Ogden, Utah; Denver, Colo. (July 1-Oct. 25, 1915). Salt Lake, Utah; Denver, Colo.; El Paso, Tex. (Jan. 7-28, 1916).	To make certain range and other field investigations relating to grazing matters.	723.88
Do.....	do.....	do.....	Owensboro, Ky. (July 10-20, 1915).....	To attend meetings of the National Wool Growers' Association, and to attend meetings and deliver addresses before the American National Live Stock Association.	287.95
Barnett, C. R.....	Librarian.....	Library.....	Chicago, Ill. (Feb. 9-13, 1916). Asbury Park, N.J. (June 27-30, 1916).....	To deliver an address on the Forest Service.	57.20
Barrett, L. A.....	Assistant district forester.	Forest Service.	San Francisco, Cal. (Feb. 25-Mar. 2, 1916).	To attend the annual conference of the American Library Association.	31.20
Barrows, H. H.....	Senior drainage engineer.	Office of Public Roads and Rural Engineering.	Owensboro, Ky. (July 10-20, 1915).....	To return to station after detail to Washington.	121.20
Barrows, H. P.....	Assistant in agricultural education.	States Relation Service.	Lynchburg, Forest, Richmond, Va. (Nov. 30-Dec. 3, 1915). Hammontown, N.J. (Feb. 11-12, 1916).....	To inspect drainage district.	78.95
Do.....	do.....	do.....	do.....	To obtain information for use in the department's work relating to agricultural schools.	26.78
Do.....	do.....	do.....	do.....	To address a meeting at Farmers' week and to investigate and report upon the teaching of agriculture in schools and obtain information for use in connection with the department's work relating to agricultural schools.	12.19
Do.....	do.....	do.....	do.....	To investigate and report upon the teaching of agriculture in schools and to obtain information relating thereto.	1.30

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Bassett, C. E.	Specialist in cooperative organization.	Office of Markets and Rural Organization.	Portland, Ore.; Seattle, Wash.; Chicago, Ill.; North Yakima, Wash.; Boise, Idaho (Dec. 10, 1915-Jan. 19, 1916).	To investigate and make a survey of the conditions surrounding the marketing of the apple crops of the States named with a view of assisting in formulating a more efficient plan for the marketing of these crops.	\$420.35
Do....	do.....	do.....	Cumberland, Md. (Jan. 31-Feb. 1, 1916)....	To confer with the peach growers of Maryland, Pennsylvania, and West Virginia in regard to the advisability of organizing a cooperative association for the purpose of investigating peaches. To investigate methods used and plans contemplated for the handling and marketing of fruits from the Pacific Northwest, especially apples which are handled by cooperative associations, in the way of suggesting constitutions, by-laws, and accounting methods which have met with the best success in like organizations, and to confer with growers in the various districts of the Northwestern States, in regard to cooperative organizations for the marketing of their products.	15.84
Do....	do.....	do.....	Various points in the States of Washington, Montana, Oregon, Idaho, Nebraska, and Illinois (Feb. 11-Apr. 5, 1916).	To discuss with the growers of potatoes and peaches at places mentioned plans for the cooperative marketing of their crops.	8.42
Do....	do.....	do.....	Cumberland, Frostburg, Md.; Paw Paw, W. Va. (Apr. 13-15, 1916).	To confer with the farmers of Culpeper County, Va., regarding the marketing of their products cooperatively.	5.10
Do....	do.....	do.....	Mitchell, Va. (May 5-6, 1916).....	To confer with strawberry growers and assist in their organization to market their products, also confer with bankers and business men relative to marketing farm products, especially fruits from the Pacific Northwest.	439.82
Do....	do.....	do.....	Various points in Louisiana, Oregon, Washington, and Michigan (May 21-June 30, 1916).	To investigate the sulphur bleaching of oats in connection with grain-standardization investigations.	99.97
Baston, Geo. H.	Assistant.	Plant Industry.....	Mansfield, Cincinnati, Ohio; Louisville, Ky. (Apr. 25-May 12, 1916).	To report the conferences of advisory pathologists at Presque Isle on the powdery mildew disease of the potato, and to report the proceedings of the conferences of the Federal Horticultural Board with the Joint Committee on Foreign Cottons, held at Boston.	73.36
Bait, Jos. H.	Assistant secretary Federal Horticultural Board.	Federal Horticultural Board.	Presque Isle, Me.; Boston, Mass. (Aug. 11-20, 1915).		

EXPENDITURES FOR TRAVEL, DEPARTMENT OF AGRICULTURE.

15

Do	do	To consult with cotton importers, customs officials, and board inspectors with reference to the best method of submitting notifications of arrival and distribution of imported cotton.	39.73
Do	do	To investigate the different grades of waste arising in the manufacture of cotton in relation to the regulation of utilization of waste from foreign cottons.	5.42
Baughman, W. F.	Assistant chemist	To assist in salt investigations	82.47
Beal, W. H.	Chief, editorial division	To inspect State experiment stations under the act of Mar. 2, 1887, and amendatory acts, and to confer with officials of colleges and experiment stations in relation to their work and condition.	102.70
Beanfield, R. McC.	Structural engineer and draftsman	To study the architectural design and engineering of various types of market buildings and market places, fish wharves, refrigeration plants, and general market equipment. So that advisory aid may be extended to those contemplating the erection of large municipal or public markets.	171.24
Do	do	To advise city officials and other interested parties relative to the construction of public market buildings and places for the most efficient handling and marketing of farm products, and to study the possible rearrangement of the terminal market at Pittsburgh, to increase its efficiency and lower marketing costs.	99.49
Do	do	To study terminal markets for the handling and marketing of farm products.	38.60
Beattie, R. Kent	Pathological inspector	To confer with the Superintendent of the Federal Potato Inspection Service, and with quarantine inspectors relative to the interstate shipment of potatoes from areas quarantined for powdery seab.	81.28
Do	do	To attend the annual meetings of the official entomologists and pathologists of the several States, including the State horticultural inspectors and plant-quarantine officials.	50.91
Do	do	To conduct investigations on the white-pine blister rust in connection with forest pathology.	116.40
Bebout, J. D.	Scientific assistant in animal husbandry	To attend the field day of the Massachusetts Swine Breeders' Association and deliver an address on the swine industry.	35.99
Do	do	To secure information from hog breeders for use in connection with the swine investigations being conducted by the bureau.	85.80
Beebe, L. L.	Assistant mechanical engineer	To make traction tests	68.38
Do	do	do	113.48
		Greenwood, Miss. (Apr. 5-14, 1916)	do

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Beecher, F. Sidney....	Laboratory aid.....	Plant Industry.....	Hastings, Fla. (Mar. 7-May 24, 1916).....	To assist with experiments for the control of diseases of potatoes and other plants, in connection with cotton and truck disease investigations.	\$109.79
Do.	do.....	Division of Publications.	Presque Isle, Me. (May 31-June 30, 1916)..... New Lisbon, N. J. (July 6-9, 17-19, 1915).....	To photograph fruiting hybrids and native blueberries on the cooperative testing plantation, in connection with investigations in economic and systematic botany.	56.45 35.82
Do.	do.....	do.....	Beltsville, Md. (July 30, Aug. 6, and Sept. 22, 1915).....	To secure photographs of animals to be used in publication.	1.09
Do.	do.....	do.....	Kansas City, Mo.; Manhattan, Kans. (Sept. 25-Oct. 9, 1915).	To secure photographs of cattle used in Shorthorn breeding experiment conducted at Manhattan, Kans., in cooperation with the Kansas Agricultural Experiment Station and to Kansas City, Mo., to secure photographs of the best cattle to be shown at the American Royal Show at that place.	140.80
Do.	do.....	do.....	Hagerstown, Md. (Oct. 11-16, 1915).....	To attend the fair to be held at that place Oct. 11 to 16, inclusive, to secure photographs of the leading varieties of poultry, ducks, geese, and turkeys for use in the educational poultry work being conducted by the bureau.	18.60
Beinhart, E. G.	Assistant....	Plant Industry.....	Upper Marlboro, Md.; Lancaster, Pa.; Suffield, Hartford, Conn.; Springfield, Amherst, Mass. (July 19-Aug. 7, 1915).	To investigate the growing, improvement, and handling of tobacco.	70.00
Do.	do.....	do.....	Upper Marlboro, Md.; Springfield, Feeding Hills, Mass.; Hartford, Tariffville, Suffield, Conn. (Sept. 26-Oct. 1, 1915).	do.....	48.02
Do.	do.....	do.....	Hartford, Suffield, Conn.; New York, N. Y. (Jan. 19-26, 1916).	do.....	48.48
Do.	do.....	do.....	Hartford, Suffield, Tariffville, Conn.; New York, N. Y. (Apr. 19-25, 1916).	do.....	44.67
Do.	do.....	do.....	Hartford, Suffield, Tariffville, Conn.; New York, N. Y. (June 5-30, 1916).	do.....	83.97
Bell, G. A.	Senior animal Hus- bandman.	Animal Industry.....	Manassas Front Royal, Va.; Beltsville, Md. (July 9-Aug. 6, 1915).	To inspect colts and fillies sired by Government stallions and to supervise the horse and mule work conducted by the bureau.	25.17
Do.	do.....	do.....	Raleigh, Asheville, Canton, Marion, Rutherfordton, Springdale, N. C. (Aug. 7-Aug. 15, 1915).	To inspect the horse breeding and the beef cattle work conducted by the bureau.	40.11
Do.	do.....	do.....	St. Louis, Columbia, Centralia, Mo.; Pittsburgh, Pa. (Oct. 10-17, 1915).	To secure data regarding the value of National Dairy Show animals quarantined by the Government.	92.49

		To Fort Collins, Colo.; Ames, Iowa; Chicago, Ill. (Nov. 4-17, 1915).	156.51
Do.....	do.....		
Do.....	do.....	To Fort Collins, Colo.; Ames, Iowa; Chicago, Ill. (Nov. 4-17, 1915).	
Do.....	do.....	To Beltsville, Md. (Dec. 14, 1915).....	25
Do.....	do.....	To Front Royal, Berryville, Va. (Dec. 19-21, 1915).	7.15
Do.....	do.....	To Middlebury, Vt. (Mar. 1-6, 1916).....	41.42
Bell, George E.....	Field assistant.....	Points in Maryland and Pennsylvania (July 1-12, 1915). Edgely, Mandan, Dickinson, N. Dak.; Moccasin, Osborn, Mont.; Newell, Ardmore, S. Dak.; Scotts Bluff, North Platte, Nebr. (July 9-Aug. 4, 1915).	18.97
Betz, J. O.....	Assistant.....	To points in Maryland and Virginia in the vicinity of the District of Columbia (July 1, 1915-June 30, 1916).	201.39
Bennet, W. G.....	Veterinary inspector.....	Lafayette, Champaign, Urbana, Oso, Cambridge, Gairva, Gatesburg, Roseville, Monmouth, Kewanee, Aurora, De Kalb, Ill.; Manhattan, Kans., Lincoln, Nebr.; Des Moines, Ames, Belle Plains, Clinton, Muscatine, Davenport, De Will, Camanche, Shaffton, Charles City, Waverly, Cedar Falls, Lyons, Delmar, Lon Moor, Preston, Iowa, Madison, Wis.; Ithaca, Ithertaken, Geneva, Cortland, Herkimer, Syracuse, Walton, Elmira, Binghamton, Utica, N. Y. (July 8-Oct. 18, 1915).....	306.98
Bennett, C. M.....	Agriculturist.....	Office of the Secretary (farm management).	559.73
Do.....	do.....	do.....	22.82
H. Doc. 1440, 64-2—2		Do.....	199.80
		To hold a field conference and making a farm survey of 300 farms in Frederick County, Md. To study the cost of silage and silos; interviewing farmers who are cooperating with this office in the weighing of silage to determine shrinkage during storage; also continuing cooperative cost accounting investigations and conferring with officials of State agricultural experiment stations on the foregoing subjects.	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Bennett, C. M.	Agriculturist.	Office of the Secretary (farm management).	Albion, Knowlsville, Rochester, Gainsville, Interlaken, N. Y. (Feb. 28–Mar. 7, 1916).	To confer with farmers concerning cooperative cost accounting investigations; also conferring with officials at the Cornell Agricultural Experiment Station in connection with farm economic studies.	\$40.93
Benson, O. H.	do	States Relations Service.	Chicago, Ill. (July 1–3, 1915).....	To confer with State and county leaders in cooperative farm demonstration work and to plan field work.	16.30
Do.	do	do	Chautauqua, Syracuse, N. Y.; Harrisburg, Pa., Springfield, Palmer, Mass., Willimantic, Conn.; Mount Holly, N. J. (July 14–22, 1915).	To confer with State leaders in boys' and girls' club work and to conduct demonstrations.	96.38
Do.	do	do	Chicago, Morriston, Galesburg, Ill.; Salt Lake City, Utah; Denver, Colo.; San Francisco, Berkeley, Oakland, Los Angeles, Cal. (Aug. 4–Sept. 5, 1915).	To conduct demonstrations, confer with State club leaders and others interested in boys' and girls' club work, and to organize and supervise field forces.	328.03
Do.	do	do	Baltimore, Md. (Sept. 9–10, 1915).....	To confer with persons interested in relation to methods used in club and camping demonstration work.	9.30
Do.	do	do	Wilmington, Del.; New York, N. Y.; Philadelphia, Ambler, Pa.; Springfield, Boston, Mass. (Oct. 7–12, 1915).	To confer with State club leaders and others interested, and to inspect, organize, and supervise boys' and girls' club work.	67.70
Do.	do	do	St. Louis, Mo.; Evansville, Ind. (Nov. 17–27, 1915).	To confer with State leaders and to assist in the conduct of boys' and girls' club work.	107.60
Do.	do	do	Altoona, Butler, Harrisburg, Hollidaysburg, Philadelphia, Pa. (Dec. 1–5, 1915).	To confer with county agents in relation to boys' and girls' club work.	44.65
Do.	do	do	New York, N. Y. (Dec. 6–8, 1915).....	To confer with State leaders in relation to the organization and conduct of boys' and girls' club work.	24.30
Do.	do	do	Lincoln, Nebr.; Ames, Iowa; Urbana, Ill.; St. Paul, Minn.; Columbus, Ohio (Jan. 23–Feb. 7, 1916).	To confer with State leaders and directors of extension in relation to project work and to assist in organizing boys' and girls' club work.	190.50
Do.	do	do	Ithaca, N. Y. (Feb. 10–13, 1916).....	To confer with director, State leader, and others interested in extension work, in relation to proposed cooperative work.	28.71
Do.	do	do	Urbana, Decatur, Chicago, Ill.; Lansing, Detroit, Mich. (Feb. 18–26, 1916).	To confer with State club leaders and others interested, and to inspect, organize, and supervise boys' and girls' club work.	92.75
Do.	do	do	Boston, Mass.; Storrs, Conn.; Kingston, R. I.; New York, N. Y. (Mar. 28–31, 1916).	To confer with State and county leaders in cooperative farm demonstration work and to plan field work.	42.80

Do.....	.....do.....	Chicago, Ill; St. Paul, Winona, Minn.; Madison, Wis. (Apr. 6-17, 1916).	To confer with directors, State leaders, and others interested in extension work; and to assist in conducting field meetings. 141.48
Do.....	.....do.....	Chicago, Ill; St. Paul, Minn.; Madison, Wis.; Burlington, Windsor, Vt. (Apr. 18-23, 1916).	.....do..... 75.44
Do.....	.....do.....	Columbus, Ohio; Lafayette, Ind.; Urbana, Ill.; Ames, Clarinda, Iowa; Brookings, S. Dak.; Lincoln, Omaha, Nebr. (June 11-26, 1916).	To confer with State leaders and to assist in the organizing of farmers' cooperative demonstration work. 186.67
Bentley, Geo. A.....	Chief of maintenance..	Forest Service.....	To secure certain information with regard to field instruments, equipment, and supplies needed for Forest Service work. 24.85
Bentley, W. D.....	Agriculturist and field agent in extension work in the South.	States Relations Service.....	To attend meeting of county agents and to confer with county agents in relation to farmers' cooperative demonstration work. 107.78
Betts, H. S.....	Engineer in forest products.	Forest Service.....	To assist in the compilation of a report on the lumber-industry study; to consult with laboratory officers concerning administrative and technical problems; and to inspect a number of wood-using industry plants. 175.75
Do.....	.....do.....	Norfolk, Va. (Mar. 8-10, 1916).....	To inspect lumber yard at Norfolk Navy Yard and to consult with officials in regard to proper piling of lumber and lumber products. 12.00
Do.....	.....do.....	New York, N.Y.; Boston, Mass. (Mar. 17-24, 1916).	To consult with lumbermen, architects, and railroad officials in regard to grading of lumber in connection with lumber-industry study. 65.75
Do.....	.....do.....	Chicago, Ill; Madison, Wis. (Apr. 1-11, 1916).	To consult with lumbermen and officials of lumber associations in regard to statistics on forest products; to consult with members of the forest-products laboratory staff in regard to material for grading report in connection with the lumber industry study; to inspect and become familiar with various activities at the Madison Laboratory. 88.67
Do.....	.....do.....	Philadelphia, Pa. (May 1-2, 1916).....	To inspect lumber yard at the Philadelphia Navy Yard to find extent to which former recommendations as to piling, etc., had been adopted. 13.75
Betts, M. C.....	Architect.....	Office of Public Roads and Rural Engineering.....	To examine model work in connection with farm layout. 16.80
Bidwell, G. L.....	Chemist in charge cattle and stock feed laboratory.	Chemistry.....	To appear as a witness in a case reported for prosecution. 24.34
Do.....	.....do.....	Baltimore, Md. (June 28, 1916).....	To conduct a study of the process of manufacture of hominy feed and corn-feed meal. 4.20
Do.....	.....do.....	Buffalo, Peekskill, Poughkeepsie, New York, N.Y.	To conduct a study of the manufacture of dried yeast as a feed, and the production of starch and vinegar grains. 51.68
Do.....	.....do.....	Buffalo, N. Y. (Feb. 8-12, 1916).....	To conduct a study of the manufacture of dried yeast and its use. 40.07

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Bidwell, G. L.	Chemist in charge cattle and stock feed laboratory.	Chemistry.....	Trenton, N. J. (Feb. 17-18, 1916).....	To appear as a witness in a case reported for prosecution.	\$12.15
Biggar, H. Howard....	Scientific assistant	Plant Industry.....	Broad Run, Va. (July 1-3, 1915).....	To assist in the care of experimental corn plots, in connection with corn improvement and methods of corn production.	4.85
Do.....	do.....	do.....	Piketon, Ohio (July 11-29)	do.....	68.12
Do.....	do.....	do.....	Piketon, Ohio (Oct. 13-Nov. 4, 1915)	do.....	78.50
Do.....	do.....	do.....	Piketon, Elyria, Wooster, Ohio, Niles, Vicksburg, Mich. (Apr. 27-June 30, 1916)	do.....	166.49
Billings, G. A.	Agriculturist.....	Office of the Secretary (farm management.)	Columbus, Dayton, Ohio; St. Paul, Excelsior, Northfield, Minn.; Sioux City, Iowa; Greeley, Fort Collins, Colorado Springs, Carbondale, Colo.; Salt Lake City, Utah; Walla, Walla, Spokane, Olympia, Seattle, Wash.; Portland, Ore.; Berkeley, Alameda, Calif.; San Diego, Calif.; Columbia, Mo. (July 1-Sept. 21, 1915); West Chester, Elizabethtown, Lancaster, State College, Bedford, Scranton, Pa.; Trenton, Plainsboro, N. J. (Sept. 20-Oct. 6, 1915).	To obtain information concerning organization and operation of large farms in the central and western states, with particular reference to dairy farms.	361.67
Do.....	do.....	do.....	Woodbury, Plainsboro, N. J.; Elizabethtown, Pa. (Oct. 20-23, 1915).	To confer in regard to obtaining records, etc., from farm management plans in cooperation with the individual farmers; conferring with the New Jersey Agricultural College officials and county agents in regard to survey work done during the summer.	76.88
Do.....	do.....	do.....	Frederick, Md. (Oct. 25-30, 1915).....	To confer with and giving directions to assistants conducting a farm management survey in New Jersey, and obtaining further information to be used for publication.	9.50
Do.....	do.....	do.....	Swedesboro, Plainsboro, New Brunswick, N. J.; West Chester, Pa. (Nov. 1-14, 1915).	To hold a field conference and making a farm survey of 300 farms in Frederick County, Md.	18.90
Do.....	do.....	do.....	West Chester, Pa.; Trenton, N. J. (Jan. 12-15, 1916).	To take farm survey and enterprise records.....	48.65
Do.....	do.....	do.....	West Chester, Pa. (Feb. 24-27, 1916).....	To deliver an address to the Mercer County (N. J.) Farm Bureau on the results of farm management investigations of that region; obtaining farm management data at West Chester, Pa.	39.82
Do.....	do.....	do.....	Plainsboro, Trenton, N. J. (May 16-19, 1916).	To confer with representative in charge of farm management survey.	9.30
Do.....	do.....	do.....	Plainsboro, Trenton, N. J. (May 16-19, 1916).	To arrange cooperative work in labor requirements of alfalfa hay harvest.	9.90

Do.....	do.....	Plainsboro, Trenton, N. J. (June 8-17, 1916). To obtain detailed records and information concerning cropping systems with alfalfa.	19.73
Do.....	do.....	do.....	21.39
Birekner, V.....	Mycologist in fermentation investigations.	Plainsboro, N. J. (June 20-24, 1916). To confer with laboratory men and manufacturers and to study fermentation processes.	25.45
Bisset, Peter.....	Plant introducer.	Savannah, Ga.; Jacksonville, Glen St. Mary, Gainesville, Brooksville, Orlando, Miami, Waldo, Fla.; Charleston, S. C.; Asheville, N. C. (July 26-Aug. 25, 1915). To receive and reship to Washington a consignment of plants sent from Chile on the U. S. S. Tennessee.	202.35
Do.....	do.....	To inspect the field stations and confer with park superintendents, cooperators, experimenters, and others regarding various phases of the foreign seed and plant introduction work.	11.70
Do.....	do.....	To inspect cooperative tests of American and Dutch bulbs and inspect propagation and storage facilities where newly introduced plants are being tested.	27.05
Blaine, Frank.....	Laboratory aid.	To assist in conducting mill tests in the manufacture of paper and paper products from various fiber-producing plants.	331.99
Blair, William R.....	Professor of meteorology.	To supervise construction of kite reel.....	2.05
Do.....	do.....	To inspect property.....	3.55
Do.....	do.....	To supervise construction of kite reel.....	2.05
Do.....	do.....	Baltimore, Md. (July 7, 1915).....	94.04
Do.....	do.....	Mount Weather, Va. (July 16-17, 1915).....	.....
Do.....	do.....	Baltimore, Md. (Oct. 27, 1915).....	.....
Do.....	do.....	Drexel, Fort Omaha, Nebr. (Nov. 2-9, 1915). To consult with official in charge and inspect equipment.	.....
Do.....	do.....	Baltimore, Md. (Nov. 11, 1915).....	.....
Do.....	do.....	Mount Weather, Va. (Nov. 18, 1915).....	.....
Do.....	do.....	New York, N. Y. (Jan. 12-14, 1916). To represent the Weather Bureau at a meeting of the American Society of Automatic Engineers.	.....
Do.....	do.....	Boston, Mass.; Omaha, Fort Omaha, Drexel, Nebr.; Jamestown, Ellendale, N. Dak. (June 2-25, 1916). To conduct aerological investigations.....	205.63
Blanck, F. C.....	Organic chemist.	New York, N. Y. (Dec. 5-24, 1915).....	105.42
Do.....	do.....	Mount Weather, Va. (July 16-17, 1915).....	.....
Blundon, B. A.....	Chief of division.	Philadelphia, Pa. (June 16-20, 1916).....	.....
Blynn, L. R.....	Assistant.	Madison and other points in Green County, Wis.; Manchester, Iowa; Elgin, Ill. (Jan. 15-Mar. 19, 1916). Champaign, Geneva, St. Charles, Elgin, Ill.; Crown Point, Ind. (May 16-June 15, 1916).	.....
Boeger, E. A.....	Agriculturist.	To study systems of tenant farming and procuring records from farms showing the respective incomes of landlord and tenant.	257.28
Do.....	do.....	do.....	212.65
Boerner, E. G.....	Assistant.	To assist in the installation and demonstration of the exhibit of the Bureau of Plant Industry at the International Dry Farm Congress, Denver, Colo. (Sept. 16-Nov. 15, 1915).....	175.67

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Borto, B. M.	Assistant in cotton classing.	Office of Markets and Rural Organization.	Gadsden, Collinsville, Anniston, Birmingham, Ala. (Sept. 26-Dec. 8, 1915).	To investigate the ginning, grading, and baling of cotton in cooperation with community organizations in Alabama, collecting information by a study of primary market conditions, and demonstrating the official cotton standards in cooperation with cotton warehouses in the cotton-growing States. To investigate and demonstrate cotton standards and procure necessary cotton for this purpose.	\$276.08 149.94
Do.	do.	do.	Charleston, S. C.; Savannah, Augusta, Atlanta, Ga.; Opelika, Montgomery, Birmingham, Ala.; Greenville, Charlevoix, Greensboro, Raleigh, Wilmington, N. C.; Norfolk, Va. (May 11-June 2, 1916). Philadelphia, Pa. (Nov. 11-12, 1915)	To attend meeting of Association of Ice Manufacturers to collect data for future use in connection with the work of the bureau. To observe the construction and collect data on dairy machinery and equipment for future use of the bureau.	10.82 112.37
Bowen, J. T.	Technologist	Animal Industry	Philadelphia, Pa.; New York, Little Falls, N. Y. (Apr. 18-29, 1916).	To investigate an error in telegraphic report at Birmingham; to secure information concerning hurricane of September, 1915.	198.08
Do.	do.	do.	Birmingham, Montgomery, Mobile, Ala.; New Orleans, Lake Charles, La.; Port Arthur, Houston, Galveston, Tex. (Oct. 6-22, 1915). Pittsburgh, Pa. (July 5, 1915)	To consult with the United States attorney in the preparation and trial of the case of the Pittsburg Melting Co. v. B. & O. R. R. Co., and Dr. G. E. Totten, an employee of the Bureau of Animal Industry.	44.45
Bowie, E. H.	District forecaster	Weather	Baltimore, Md.; Harrisburg, Pa.; New York, N. Y.; Detroit, Mich.; St. Louis, Mo. (Sept. 24-29, 1915).	To interview witnesses expected to testify on behalf of the Government in case of the St. Louis Independent Packing Co. v. Secretary Houston et al., and to assist the United States attorney in preparation of the case.	70.15
Boyle, Charles W.	Law clerk	Office of the Secretary.	Dayton, Cincinnati, Ohio; St. Louis, Mo. (Dec. 9-18, 1915).	To interview witnesses and assist United States attorney in preparation of the case of the St. Louis Independent Packing Co. v. Secretary Houston et al.	93.55
Do.	do.	do.	St. Louis, Mo. (Jan. 25-Feb. 2, 1916)	To assist United States attorney at St. Louis in preparation and trial of the case of St. Louis Independent Packing Co. v. Secretary Houston et al.	85.30
Do.	do.	do.	Williamsburg, Ky. (July 9-18, 1915)	To take traffic census.	126.46
Boykin, L. E.	Assistant in road economic investigations.	Office of Public Roads and Rural Engineering.			

Do	.....	do	.....	do	.....	do	.....	45.62
Do	.....	do	.....	do	.....	do	.....	39.95
Do	.....	do	.....	do	.....	do	.....	7.00
Do	.....	do	.....	do	.....	do	.....	149.55
Do	.....	do	.....	do	.....	do	.....	142.61
Do	.....	do	.....	do	.....	do	.....	39.87
Do	.....	do	.....	do	.....	do	.....	54.93
Do	.....	do	.....	do	.....	do	.....	1.13
Do	.....	do	.....	do	.....	do	.....	48.82
Do	.....	do	.....	do	.....	do	.....	78.88
Do	.....	do	.....	do	.....	do	.....	140.43
Do	.....	do	.....	do	.....	do	.....	27.66
Do	.....	do	.....	do	.....	do	.....	42.74
Do	.....	do	.....	do	.....	do	.....	126.53
Branch, F. H.	.....	Assistant agriculturist.	Office of the Secretary (farm management).	.....	.....	Conducting farm management field studies with a view to improving the farm income.	.....	47.79
Do	.....	do	.....	do	.....	To take charge of a farm survey party . . . . .	.....	173.43
Do	.....	do	.....	do	.....	To conduct farm management field studies with a view to improving the farm income.	.....	207.72
Branch, G. V.	.....	Investigator in city marketing.	Office of Markets and Rural Organization.	.....	.....	To interview the various wholesale and retail agencies concerned in marketing of farm products, to encourage wider distribution and consumption of peaches and to formulate plans of action which will tend to bring it about.	.....	26.10
Do	.....	do	.....	do	.....	To confer with wholesalers, retailers, and consumers regarding possibility of increasing peaches through a more economic marketing and distribution of same.	.....	124.98
Pittsburgh, Pa.; Cincinnati, Ohio; Battle Creek, Kalamazoo, Muskegon, Ludington, Manistee, Mich.	.....	.....	.....	.....	.....	To confer with municipal market committees, chambers of commerce, municipal officials, etc., regarding the establishment of municipal markets for the distribution of farm products, and for the purpose of making a study of local conditions in these places, so as to be able to advise intelligently regarding the most efficient plan of procedure.	.....	1915.

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Branch, G. V.	Investigator in city marketing.	Office of Markets and Rural Organization.	Memphis, Tenn. (Oct. 10-15, 1915).....	To consult with city and county officials and local committees interested in the establishment of a municipal wholesale and retail market for the better marketing of farm products, and to advise them regarding the best plan of procedure.	\$72.90
Do.	do.	do.	Hartford, Meriden, Conn.; New York, N. Y. (Nov. 15-16, 1915).	To make addresses on the subject of "Marketing and distributing farm products," before the women's clubs at Hartford, and the farm bureaus at Meriden, and advising civic committees in Hartford and Providence regarding the establishment of municipal market places.	17.19
Do.	do.	do.	Pittsburg, Pa.; Wheeling, Huntington, W. Va. (Feb. 27-Mar. 3, 1916).	To consult with wholesale produce trade regarding wholesale terminal market conditions, inspecting and studying public market buildings and concurring with municipal and market officials regarding the handing of farm products and extending advisory aid to those contemplating the erection of large wholesale or retail markets.	51.12
Do.	do.	do.	Johnstown, Pittsburgh, Pa.; East Liverpool, Ohio (Apr. 19-29, 1916).	To confer with chamber of commerce committees, civic officials, members of the fruit and produce trade, and others interested relative to the establishment of public market buildings and places to improve the facilities for marketing farm products, and to conduct an investigation of the Pittsburgh terminal market to the end that its efficiency be increased and marketing costs reduced.	49.80
Do.	do.	do.	Pittsburgh, Pa. (May 25-June 9, 1916)....	To confer with merchants and railroad officials relative to better methods of handling and marketing farm products.	80.12
Brand, C. J.	Chief of office	do.	Denver, Colo. (July 5-11, 1915).....	To confer with members of the American National Livestock Association in Colorado.	128.41
Do.	do.	do.	Marietta, Romney, W. Va. (July 14-16, 1915).	To attend a conference of the West Virginia Horticultural Society.	7.03
Do.	do.	do.	Spokane, North Yakima, Seattle, Wash. (July 31-Aug. 13, 1915).	To attend the hearings of the Federal Trade Commission in Seattle, and of the Puyallup and Summer Fruit Growers' Association.	241.40
Do.	do.	do.	Philadelphia, Pa.; Boston, Mass. (Aug. 28-30, 1915).	To make investigations in work being conducted by this office in cotton marketing and spot market dealings at Boston.	18.95
Do.	do.	do.	Boston, Mass.; Portland, Cumberland Mills, Me.; New York, N. Y. (Aug. 31-Sept. 8, 1915.)	To inspect experimental work in the manufacture of paper from fiber-producing plants, in connection with paper plant investigations.	30.32

Do.....	.....do.....	To address a conference relative to a cotton-future dispute.
Do.....	.....do.....	To deliver addresses before the National Poultry, Butter and Egg Convention and the Florida Citrus Seminar.
Do.....	.....do.....	To confer with Gov. Manning regarding the cotton warehouse situation.
Do.....	.....do.....	To conduct an investigation of live-stock marketing.
No.....	.....do.....	To attend the national conference on marketing and farm credit at Chicago, Ill.
Do.....	.....do.....	To attend a meeting of farmers' institute.
Do.....	.....do.....	To confer with the State officials at Boston relative to the proposed marketing laws.
Do.....	.....do.....	To investigate spinning tests being carried on at Fall River, Mass.
Do.....	.....do.....	To address farmers' congress at Lockport, N. Y.
Do.....	.....do.....	To examine work conducted by this office in connection with marketing and distribution of cantaloupes.
Do.....	.....do.....	To secure by observation and sketches, first-hand knowledge of the topography and natural color in various national forest regions so as to better reproduce on lantern slides, bromide enlargements, and transparencies the colors of different tree species, forest types, and geological formations of the national forests.
Do.....	.....do.....	To conduct biophysical investigations with crop plants.
Brenizer, Mrs. N. W.	Artist.....	Akron, Colo.; Mandan, N. Dak. (July 1-Aug. 8, 1915).
Briggs, J. J.	Biophysicist in charge of biophysical investigations.	Philadelphia, Pa. (Feb. 25-29, 1916)
Do.....	.....do.....	Denver, Fort Collins, Greeley, Colo.; Salt Lake City, Utah; Riverside, Oxnard, San Francisco, Berkeley, Cal.; Salem, Portland, Flma, Satson, Oreg.; Tacoma, Burton, Kent, Seattle, North Yakima, Wash. (July 15-Oct. 12, 1915).
Brodie, D. A.	Agriculturist.....	Frederick, Md. (Oct. 25-30, 1915)
Do.....	.....do.....	Sidell, Ill.; Kensepp, Helena, Latour, Ark. (May 6-15, 1916).
Brookbank, R. E.	Veterinary inspector	Points in Maryland and Virginia in the vicinity of the District of Columbia (July 1, 1915-June 30, 1916).
	Animal Industry.....	To inspect and supervise the construction of biophysical apparatus for the Bureau of Plant Industry.
		To confer with field men and experiment-station officials regarding the establishment of farm-management surveys.
		To hold a field conference and making a farm survey of 300 farms in Frederick County, Md.
		To consult with cooperators in regard to the study of farm practice in the arrangement of cropping systems which are conducive to crop yields.
		To make inspections of interstate shipments of cattle; post-mortem investigations, and test cattle for tuberculosis. To assist in eradicating foot-and-mouth disease, and to investigate reported outbreaks of disease in cattle.

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Brooks, Charles.....	Pathologist.....	Plant Industry.....	Wenatchee, Seattle, Wash.; Watsonville, Los Angeles, Riverside, Redlands, Sacramento, Cal.; Medford, Hood River, Oreg.; Payette, Weiser, Fruitland, Boise, Idaho; Mitchell, Ind. (July 1-Aug. 25, 1915.)	To investigate apple, prune, and cherry diseases in connection with fruit disease investigations.	\$218.50
Do.....	do.....	do.....	Do.....	To investigate diseases of apples.....	16.25
Do.....	do.....	do.....	Do.....	To investigate blitter pit, fruit rots, prune brown rot, Stigmone, and other fruit diseases.	394.12
Do.....	do.....	do.....	Do.....	To investigate diseases of apples.....	45.35
Brooks, C. F.....	Assistant.....	Office of the Secretary farm management.	Seattle, Walla Walla, Wash.; Portland, Corvallis, Union, Baker, Oreg.; Boise, Arrowrock, Pocatello, Idaho; Logan, Ogden, Salt Lake City, Utah; Grand Junction, Colorado Springs, Colo.; Larimer, Cheyenne, Wyo.; Ellis, Manhattan, Topeka, Kans.; Centralia, Columbia, Mexico, Mo.; Springfield, Urbana, Matton, Ill.; Louisville, Paris, Lexington, Ky.; Knoxville, Tenn.; Dayton, Cincinnati, Columbus, Chillicothe, Ohio; Parkersburg, Morgantown, W. Va. (July 1-Aug. 1, 1915).....	To confer with officials of experiment stations regarding climatic limits of certain crops; to secure their criticism upon certain maps prepared for publication in the School Atlas of American Agriculture; obtaining data concerning seasonal distribution of labor upon certain farms and farm operations; also visiting section directors of the Weather Bureau in order to receive criticism of frost maps under preparation for the School Alas, and to discuss the mapping of climatic factors in the various States.	142.90
Brown, Edgar.....	Botanist in charge.....	Plant Industry.....	New York, N. Y. (Nov. 15-17, 1915).....	To consult with officials of New York customs office in regard to enforcement of the seed importation act.	21.65
Do.....	do.....	do.....	Columbus, Ohio (Dec. 26-30, 1916).....	To attend a meeting of the Association of Official Seed Analysts.	43.66
Do.....	do.....	do.....	Richmond, Va. (Feb. 2-3, 1916).....	To be present at a hearing on the proposed seed bill before a committee of the Legislature of Virginia.	12.30
Do.....	do.....	do.....	New York, N. Y. (Mar. 1-2, 1916).....	To consult with officials of the Customs Service in regard to entry of seed under the seed importation act.	17.56
Do.....	do.....	do.....	Baltimore, Md.; New York, N. Y. (Mar. 14-18, 1916).....	To investigate importations of seeds in connection with the enforcement of the seed importation act.	23.82
Do.....	do.....	do.....	Richmond, Va. (Mar. 24, 1916).....	do.....	8.95
Do.....	do.....	do.....	Chicago, Ill. (Apr. 3-6, 1916).....	do.....	57.10
Do.....	do.....	do.....	New York, N. Y. (June 6-7, 1916).....	do.....	22.54

Do.....	do.....	States Relations Service.	New York, N. Y. (June 14-15, 1916) Warren, Burton, Cleveland, Ohio (July 1-18, 1915).	To confer with State and county leaders in relation to the conduct of farmers' cooperative demonstration work and to inspect and supervise the work in progress. .....do.....	18.19 90.60 65.83
Do.....	do.....	Assistant agriculturist	Columbus, Cleveland, Burton, Ohio; Elmira, N. Y.; Philadelphia, Pa.; Dover, Wilmington, Del. (July 28-Aug. 4, 1915)	To conduct demonstrations and to confer with State and department officials and agents in relation to the conduct and progress of farm management demonstration work. .....do.....	233.79
Do.....	do.....		Elmira, N. Y.; Fort Atkinson, Omro, Madison, Wis.; Champaign, Urbana, Ill. (Aug. 14-Sept. 21, 1915).	To confer with State and county officials in relation to conduct of farm management demonstrations. To confer with department and State officials in relation to conduct offarm management demonstration work.	346.05
Do.....	do.....		Bozeman, Missoula, Helena, Mont.; Corvallis, Oreg.; Pullman, Wash.; St. Louis, Mo. (Oct. 4-Nov. 16, 1915).	To confer with State leaders and to assist in organizing farm management demonstrations.	15.46
Do.....	do.....		Newark, Wilmington, Del. (Nov. 25-27, 1915).	To confer with extension director and county agents regarding farm management demonstration work.	41.16
Do.....	do.....		Elmira, Ithaca, N. Y. (Dec. 18, 1915-Jan. 2, 1916).	To confer with State leaders and to assist in organizing farm management demonstrations.	212.86
Do.....	do.....		Newark, Del.; Durham, N. H.; Ithaca, Elmira, N. Y.; Providence, Kingston, Woonsocket, R. I.; New Haven, Storrs, Conn.; Taunton, Boston, Mass. (Jan. 6-Feb. 13, 1916).	To confer with extension director and county agents regarding farm management demonstration work.	20.26
Do.....	do.....		Newark, Dover, Georgetown, Del. (Mar. 15-18, 1916).	To confer with State leaders and to assist in organizing farm management demonstrations.	207.47
Do.....	do.....		Brookings, Iroquois, S. Dak.; St. Paul, Minn. (Apr. 1-May 8, 1916).	To investigate the conditions and methods of handling and marketing cotton and assisting the State farm demonstration agent of South Carolina in the grading and marketing of approximately 1,000 bales of cotton, and thereby demonstrate the value to producers of cooperative handling of cotton; also demonstrate the use of the official cotton standards of the United States, in cooperation with cotton warehouses in the cotton-growing States.	74.45
Brown, Hall.....	Assistant in cotton classing.	Office of Markets and Rural Organization.	Dillon, S. C.; Wilmington, Charlotte, Rock Hill, Lancaster, N. C. (Nov. 9-21, 1915).	To examine and select samples of cotton, suitable for use in the preparation of the official cotton standards of the United States.	29.80
Do.....	do.....		New York, N. Y. (Mar. 26-30, 1916).....	To select types of cotton for use in spinning test to determine waste,etc.,of different grades of cotton.	92.05
Brown, Nellie A.....	Assistant pathologist.	Plant Industry.....	Strasburg, Va. (May 4-5, 1916).....	To study the crown-gall disease, in connection with the Central Laboratory of Plant Pathology.	9.53

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Bryan, Harry.....	Scientist in soil laboratory investigations.	Soils.....	Baltimore, Md. (Sept. 1, 1915).....	To investigate certain laboratory apparatus with a view to determining whether or not it is suitable for use in connection with nitrogen fixation investigations carried on at the Arlington Farm Laboratory of this bureau. To inspect the experimental laboratory furnace in course of construction by the Novelty Steam Boiler Works.	\$3,35
Do.....	do.....	do.....	Baltimore, Md. (Nov. 12, 1915).....	To inspect and obtain information regarding certain machinery which may be used in equipping a proposed leaf fertilizer plant, and to witness a test exhibition of a large capacity kiln.	3,17
Do.....	do.....	do.....	Baltimore, Md. (Jan. 11, 1916).....	To inspect prior to assembling for shipment, the structural parts of the electric furnace and oxidation tower ordered for use in the Arlington Farm Laboratory of this bureau.	3,25
Do.....	do.....	do.....	Baltimore, Md. (Jan. 27, 1916).....	To obtain specifications and consult manufacturers and engineers on the subject of air compressors so as to enable the bureau to prepare bids for the procuring of compressors suitable for use in the experiments on the fixation of atmospheric nitrogen by what is known as the Haber process.	25,03
Do.....	do.....	do.....	Various points in the States of New York, New Jersey, and Connecticut (June 5-8, 1916).	To appear as a witness in a case reported for prosecution.	72,86
Buchbinder, H. E.....	Assistant chemist.....	Chemistry.....	Canandaigua, Syracuse, New York, N. Y. (June 11-25, 1916).	To investigate an outbreak of anthrax on farms in Queen Anne County, Md., and to administer curative and preventive serum.	18,80
Buckley, J. S.....	Pathologist.....	Animal Industry.....	Tolchester, Chestertown, Md. (July 13-17, 1915).	To investigate a disease of horses thought to be forage poisoning and secure tissues for bacteriological and pathological investigations.	25,88
Do.....	do.....	do.....	Crisfield, Princess Anne, Oriole, Md. (Sept. 20-22, 1915).	To investigate an outbreak of forage poisoning of horses in Virginia and Maryland. To hold autopsies and collect material for pathological and bacteriological investigations.	39,95
Do.....	do.....	do.....	Crisfield, Princess Anne, Cambridge, Salisbury, Md.; Washapreague, Eastville, Va. (Oct. 11-15, 1915).	To inspect animals at the United States Experimental Farm.	.55
Do.....	do.....	do.....	Beltsville, Md. (Mar. 1-31, 1916).....	To disinfect tuberculosis infected premises and assist in cooperative investigations of tuberculosis in cattle.	320,43
Bunyes, Hubert.....	Agent.....	do.....	Points in Maryland and Virginia in the vicinity of the District of Columbia (July 1, 1915-June 30, 1916).		

Burlingham, C. L.	Dairy husbandman	Points in the States of Ohio, Indiana, Michigan, Wisconsin, Illinois, Iowa, Minnesota, North and South Dakota, Nebraska, Kansas, Mississippi, and Missouri (July 28, 1915—Apr. 26, 1916). Points in Virginia (May 1-25, 1916).	To supervise the dairy farming work of the bureau.	1,332.34
Do.	do.	do.	To assist in the organization of cow-testing associations and attend meetings of farmers interested in cow-testing association work and to deliver addresses at such meetings and to attend a meeting of dairymen and local farmers and others in Lutherville, Va., and to deliver an address on community breeding problems.	32.92
Do.	do.	do.	To supervise the daily farming investigations throughout the Middle West.	184.46
Burmeister, C. A.	Assistant in marketing by parcel post.	Points in the States of Indiana, Wisconsin, Iowa, Minnesota, Nebraska, and Illinois (May 27-June 30, 1916). Boston, Mass.; Durham, N.H.; Portland, Me.; Brattleboro, Vt.; New York, N. Y. (July 9-Sept. 4, 1915).	To investigate and demonstrate the practicability of utilizing the parcel post as a means of marketing farm produce direct from the producer to the consumer, and also to make a study of what has already been done in marketing by parcel post in those cities.	288.57
Do.	do.	do.	To confer with post-office officials relative to what has been done in marketing by parcel post in Washington, D. C., and investigate and demonstrate the practical utility of the parcel post as a means of marketing farm produce direct from producer to consumer.	31.87
Burns, J. M.	Law clerk	Various points in Delaware, Maryland, and New Jersey (May 21-June 5, 1916).	To study the shipping of strawberries and other farm produce by parcel post and express by actual shipments and otherwise, also to confer with farmers and others on marketing direct from producer to consumer by parcel post and express.	83.07
Do.	do.	do.	To conduct a hearing to determine whether or not the license of a serum company should be revoked and to ascertain the origin of the foot-and-mouth epidemic.	65.15
Burnett, L. B.	Laboratory assistant.	Chicago, Ill. (Oct. 4-19, 1915).	To confer with officials of the State in regard to the acquisition and disposition of infection and expressed hog-cholera serum.	77.00
Burnet, W. C.	Junior chemist	Philadelphia, Pa. (Nov. 25-28, 1915). New York, N. Y.; Boston, Mass. (Sept. 6-11, 1915).	To study the commercial hardening of oils; to hold conferences with laboratory officials looking to the promotion of technical and clerical routine work in connection with the enforcement of the food and drugs act.	15.67 50.39
Do.	do.	do.	To appear as a witness in a case reported for prosecution.	59.10

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Burnet, W. C.	Junior chemist.....	Chemistry.....	New York, N. Y.; Boston, Mass.; Portland, Waterville, Augusta, Me.; Manchester, Concord, Bellows Falls, N. H.; White River Junction, Vt.; Hartford, Conn.; Providence, R. I. (Apr. 16-27, 1916).	To conduct a special investigation relative to interstate shipments of milk and other dairy products.	\$98.91
Do.	do.....	do.....	Cumberland, Md. (May 3, 1916).....	do.....	10.79
Do.	do.....	do.....	New York, N. Y.; New Haven, Conn.; Providence, R. I.; Boston, Mass. (June 1-4, 1916).	do.....	41.23
Do.	do.....	do.....	New York, N. Y.; Providence, R. I.; Boston, Mass.; Willimantic, Conn.; Bellows Falls, Vt. (June 16-30, 1916); Denver, Colo. (July 5-11, 1916).	To conduct a special investigation relative to interstate shipments of milk and other dairy products.	87.49
Burns, J. M.	Law clerk.....	Office of the Secretary.....	Chicago, Ill. (Nov. 13-17, 1915).....	To attend conference with committee of the National Livestock Growers' Association, in reference to marketing.	120.47
Do.	do.....	do.....	Chicago, Ill.; Boise, Idaho; and various points in Washington (Feb. 11-Mar. 10, 1916).	To confer with stockmen, shippers, and others interested in the marketing of livestock and meats.	60.85
Do.	do.....	do.....	Islands of Oahu and Hawaii (July 1-Oct. 24, 1915).	To investigate methods of and plans contemplated by cooperative associations for handling and marketing fruit in the Pacific Northwest, and render assistance in the formation of such associations.	30.62
Busch, August.	Entomological assistant.....	Entomology.....	Plant Industry.....	To investigate the life history of the pink bollworm, and its damage to cotton and other plants in the islands named.	807.29
Byars, L. P.	Pathologist.....	Plant Industry.....	Florence, S. C. (July 1-21, 1915).	To investigate nematode diseases in connection with Cotton and Truck Disease Investigations.	48.66
Do.	do.....	do.....	Florence, Marion, Clemson College, Monetta, and Columbia, S. C.; Quitman, Ga.; Jacksonville, Brooksville, Crystal Springs, Orlando, Fla. (Oct. 6-Nov. 12, 1915).	do.....	198.54
Do.	do.....	do.....	Florence, Monetta, Columbia, S. C. (Mar. 31-Apr. 7, 1916).	To conduct experiments for control of root-knot on cotton and truck crops.	38.85
Do.	do.....	do.....	Philadelphia, Pa.; Riverton, Elizabeth, N. J.; Long Island, Rochester, N. Y.; Bangor, Me.; North Bennington, Vt.; Madbury, N. H.; and other points in the United States named (Apr. 10-May 1, 1916).	To investigate the occurrence and distribution of nematodes in nurseries.	151.10
Caffey, F. G.	Solicitor.....	Office of the Secretary.....	New York, N. Y. (July 14, 1915).....	To assist the United States attorney in the preparation of cases brought under the cotton-futures act.	16.90

Do.....	do.....	To attend conference of department officials and others regarding the eradication of foot-and-mouth disease.	64.90
Do.....	do.....	To attend a meeting of assistants to the solicitor engaged on Forest Service work.	120.00
Callaghan, F. P.....	Clerk.....	To make stenographic reports of the annual conference of live-stock specialists held at Jackson, Miss.	74.37
Calvert, E. B.....	Chief clerk.....	To inspect Weather Bureau office quarters at Jacksonville, Key West, Sand Key, Tampa, Miami, Fla. (Feb. 16-26, 1916).	133.85
Cameron, F. K.....	Scientist in soil laboratory investigations.	Various points in the States of New York, Ohio, Illinois, and Michigan (Sept. 25-Oct. 3, 1915).	
	Soils.....		
Campbell, W. G.....	Chief of inspection district.	Chemistry.....	
Do.....	do.....	Philadelphia, Pa.; New York, N. Y. (Sept. 28-Oct. 2, 1915).	61.45
Do.....	do.....	New York, N. Y.; Boston, Mass.; Providence, R. I. (Oct. 5-9, 1915).	28.87
Do.....	do.....	Baltimore, Md. (Oct. 12, 1915).	51.12
Do.....	do.....	New York, N. Y.; Boston, Mass.; New Haven, Conn. (Nov. 2-6, 1915).	2.85
Do.....	do.....	Philadelphia, Pa. (Nov. 9-11, 1915).	49.22
Do.....	do.....	Philadelphia, Pa.; New York, N. Y.; Keyport, Mataewan, N. J. (Jan. 7-13, 1916).	11.15
Do.....	do.....	Baltimore, Md. (Feb. 2, 1916).	39.90
Do.....	do.....	New York, N. Y.; Boston, Mass.; Philadelphia, Pa. (Mar. 5-15, 1916).	2.80
Do.....	do.....	Columbia, S. C.; Savannah, Ga.; Jacksonville, Tallahassee, Fla.; Thomasville, Atlanta, Ga. (Mar. 23-30, 1916).	66.37
Do.....	do.....	Richmond, Va.; Raleigh, Greensboro, N. C. (Apr. 5-8, 1916).	86.15
Do.....	do.....	Chicago, Ill.; Kansas City, Mo.; Shawnee, Little Rock, Ark.; Memphis, Tenn.; New York, N. Y. (May 2-4, May 28-31, 1916).	44.05
Do.....	do.....	New York, N. Y.; Boston, Mass. (June 11-15, 1916).	111.25
		To be present at conference with chiefs of other districts and chief of the bureau relative to co-operative work.	53.84
		To conduct and supervise the food and drug inspection work in the eastern district.	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employes of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Cardon, P. V.	Assistant agronomist..	Plant Industry.....	Wilson, New Bern, Clinton, N. C.; Charles-ton, S. C.; Baton Rouge, Gilbert, Tallah-sah, Monroe, Shreveport, La.; Texar-kana, Ark.; Greenville, San Antonio, Tex.; Jackson, Tenn. (Aug. 1-Sept. 3, 1915).	To inspect and study experiments with the new system of single-stalk cotton culture, in connection with crop acclimatization, adaptation, and cotton-breeding investigations.	\$270.99
Do do.....			Greenville, Tex.; Lawton, Altus, Nor-man, Okla. (Feb. 18-Mar. 2, 1916).	To inspect, and continue work on, cotton experiments.	151.18
Do do.....			Lawton, Norman, Guthrie, Okla.; San Antonio, Greenville, Tex.; Boyd, Ark.; Beulah, Miss. (May 22-June 7, 1916).	To inspect cooperative experiments; confer with pathologists, millers, grain dealers, and others concerning cereal investigations and the commercial uses of grain, and to arrange with foreign representatives to obtain samples of cereals, on exhibit at the Panama-Pacific Exposition, for experimental purposes of this department.	122.55
Carleton, Mark A.	Cerealist in charge of cereal investigations.	do.....	Wichita, Manhattan, Great Bend, Hutch-inson, Kans.; Madison, Wis.; Minneapol-is, Minn.; Fargo, N. Dak.; Brookings, S. Dak.; Ames, Iowa; Archer, Laramie, Wyo.; Aberdeen, Moscow, Idaho; Pull-man, Lind, Wash.; Portland, Corvallis, Oreg.; San Francisco, Cal.; Chicago, Ill. (Oct. 9-Nov. 20, 1915).	To confer with grain dealers, millers, and others concerning cooperative experiments with flax, and to inspect experiments in connection with cereal disease investigations.	479.92
Do do.....			Minneapolis, Minn.; Madison, Wis. (Feb. 19-23, 1916).	To confer with grain dealers, millers, and others concerning conditions for cultivating rice and other cereals in Florida, and confer with experiment station officials concerning cooperative cereal investigations.	76.79
Do do.....			Miami, Homestead, Fort Myers, Gaines-ville, Fla.; Athens, Quimby, Asburn, Ga.; Clemson College, S. C. (Apr. 25-May 13, 1916).	To confer with grain dealers, millers, and macaroni manufacturers regarding the improvement of wheat and other cereals for commercial purposes.	168.71
Do do.....			Philadelphia, Pa.; New York, N. Y. (June 13-17, 1916).	To investigate certain laboratory apparatus with a view to determining whether or not it is suitable for use in connection with nitrogen fixation investigations carried on at our Arlington Farm laboratory.	32.00
Carothers, J. N.	Scientist in soil lab- oratory investiga-tion.	Soils.....	Baltimore, Md. (Sept. 1, 1915)	To inspect the experimental laboratory furnace in course of construction by the Novelty Steam Boiler Works.	3.35
Do do.....			Baltimore, Md. (Nov. 12, 1915)	To inspect, prior to assembling for shipment, the structural parts of the electric furnace and oxida-tion tower ordered for use in our Arlington farm laboratory.	3.35

56.61

Do.....	do.....	To inspect, while in actual operation, the different types of Cottrell precipitators, and to confer with those controlling the Cottrell patients, to obtain confidential information regarding the operation of said Cottrell precipitators in certain industries so as to enable the bureau properly to install the three types of precipitators which are to be used in connection with investigations carried on with a view to developing practical methods of preparing concentrated fertilizers.	159.90
Carpenter, C. W.....	Scientific assistant.....	Presque Isle, Me.; Kingston, R. I.; Storrs, New Haven, Conn.; Brinkenhoff, Lancaster, Pa. (Aug. 2-7, 1916).	
Do.....	Plant Industry.....	Norfolk, Va., and vicinity (Oct. 17-21, 1915). Carbondale, Colden, Champaign, Anna, Ill.; Muscatine, Iowa; St. Louis, Mo.; Manhattan, Wayne, Minneola, Kans.; Fort Smith, Hot Springs, Little Rock, Ark.; Fort Worth, Dallas, Longview, Laredo, San Antonio, Brownsville, and other points in Texas (Oct. 31, 1915-Jan. 8, 1916).	
Do.....	do.....	Vineland, N. J. (Jan. 19-21, 1916).	
Do.....	do.....	Hickory, N. C.; Florence, S. C.; Mobile, Bay Minette, Foley, Magnolia Springs, Ala.; Jackson, Miss. (Jan. 30-Feb. 10, 1916).	
Do.....	do.....	Norfolk, Va., and vicinity (Mar. 15-19, 1916). Hartford, Conn.; New York, N. Y. (Feb. 29-Mar. 3, 1916).	
Carr, J. L.....	Law clerk.....	West Newbury, Mass., New York, N. Y. (Aug. 23-31, 1915).	
Cates, J. S.....	Agriculturist.....	Boston, Mass. (Jan. 3-6, 1916).....	
Do.....	do.....	Urbana, Va. (June 27-29, 1916).....	
Chambliss, Chas. E.	Agronomist.....	Fredericksburg, Va.; Laurel, Upper Marlboro, Md. (Aug. 25-Sept. 13, 1915).	
Do.....	do.....	New Orleans, Crowley, La.; Beaumont, Crosby, Tex.; Los Angeles, Merced, Fresno, Bakersfield, Biggs, Sacramento, Stockton, San Francisco, Cal. (Sept. 25-Nov. 19, 1915).	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Chambliss, Chas. E.	Agronomist	Plant Industry	Knoxville, Tenn.; Crowley, New Orleans, La.; Beaumont, Tex.; Mobile, Ala.; Gainesville, Brooksville, Fort Myers, Miami, Fla. (Mar. 10-Apr. 30, 1916). Sugar Grove, Grassy Creek, N. C. (July 6-30, 1915).	To inspect rice experiments; confer with experiment station officials, farmers, millers, dealers, importers, and others regarding the production and commercial uses of rice. To investigate the possibilities of starting cheese factories in the mountains of North Carolina. To study cheese-making conditions; to study the question of raising calves in cheese-making districts; to investigate the cost of manufacture of cheese, and to attend cheese-makers' convention at Milwaukee.	\$293.76
Chaplin, E. L.	Cheese maker	Animal Industry	Points in the States of Idaho, Utah, Oregon, Montana, Minnesota, and Wisconsin (Aug. 1, 1915-Jan. 31, 1916).	To investigate diseases in connection with the mycological investigations of the Office of Pathological Collections.	47.96
Do.	do	do	do	To consult with the toxicological expert of Johns Hopkins University regarding specific cases of mushroom poisoning. To collect and study grasses preparatory to the publication of a bulletin on North American grasses, in connection with economic and systematic botany.	569.38
Charles, Vera K.	Assistant mycologist	Plant Industry	Oakton, Va. (Aug. 23, 1915)	To investigate diseases in connection with the mycological investigations of the Office of Pathological Collections.	1.80
Do.	do	do	Baltimore, Md. (Feb. 25, 1916)	To consult with the toxicological expert of Johns Hopkins University regarding specific cases of mushroom poisoning.	2.50
Chase, Agnes	Scientific assistant in systematic agrostology	do	St. Augustine, Pablo Beach, Fla.; Brunswick, Ga.; Yemassee, Beaufort, S. C.; Wrightsville, Wilmington, N. C.; Munden, Va.; Lewes, Del.; Egg Harbor, Flemington, N. J.; New York, Riverhead, Greenport, Eastport, Amagansett, Arkville, Syracuse, Eastwood, Meridian, Watkins, N. Y. (May 18-June 30, 1916). Chicago, Ill. (Oct. 7-Nov. 6, 1915)	To collect and study grasses preparatory to the publication of a bulletin on North American grasses, in connection with economic and systematic botany.	225.24
Chase, J. L.	Examiner	Animal Industry	Boston, Mass. (Aug. 2-Sept. 3, 1915)	To assist in administrative work of eradicating foot-and-mouth disease. To secure quotations on spot cotton and information relative to and assisting in the proper execution of the provisions of the United States cotton futures act.	199.08
Chassaignac, E. T.	Assistant in cotton business methods. Do.	Office of Markets and Rural Organization. do	New York City, N. Y. (June 14-16, 1916)	To secure information relative to and assisting in the proper execution of provisions of United States cotton-futures act, and to confer regarding rules for spot cotton trading in Rotterdam, the Netherlands. To install plumbing and other equipment.	161.35
Chick, T.	Skilled laborer	Chemistry	New York, N. Y. (Nov. 26, 1915-Mar. 12, 1916). Mandan, N. Dak.; Huntley, Great Falls, Havre, Mont.; St. Paul, Minn.; Lawton, Woodward, Okla.; Big Springs, Amarillo, Tex.; Tucumcari, N. Mex. (July 10-Aug. 3, 1915).	To confer with experiment station officials and field men of the bureau in reference to the investigation and improvement of methods of crop production under subhumid, semiarid, or dry land conditions.	85.15
Chilcott, E. C.	Agriculturist in charge of dry-land agriculture.	Plant Industry	Plant Industry	To confer with experiment station officials and field men of the bureau in reference to the investigation and improvement of methods of crop production under subhumid, semiarid, or dry land conditions.	314.82

Chubbuck, Levi.....	Do.....	do.....	Denver, Colo.; Woodward, Lawton, Okla. (Oct. 2-21, 1915). Riverside, Los Angeles, Redlands, San Francisco, Berkely, San Diego, Colton, Highland, Bloomington, Upland, Chule Vista, Lakeside, Pasadena, San Fernan- do, Monrovia, Porterville, Lindsey, On- tario, Rialto, Concrete, Cal. (July 1, 1915-Apr. 11, 1916). Riverside, Bloomington, Rialto, Fontana, Concrete, Hermitt, San Bernardino, Los Angeles, Arlington, Lucerne, Ontario, Redlands, San Diego, Cal. (Apr. 16-June 30, 1916). Madison, Wis., points in Montana, Idaho, Colorado, Utah, Oregon, Washington, California, Arizona, and New Mexico. (July 1-Sept. 15, 1915). Columbus, Ohio (Dec. 23, 1915-Jan. 1, 1916). Madison, Wis.; Chicago, Ill. (June 1-14, 1916). Norfolk, Cape Henry, Richmond, Va. (May 10-13, 1916). Middletown, N. Y. (July 1-8, 1915).....	To represent the Department of Agriculture at the meetings of the Dry Farming Congress; and to inspect work being carried on by the Office of Dry Land Agriculture. To make farm management investigations.....	189.43 471.35
Clapp, E. H.....	Assistant forester.....	Forest Service.....	Do.....	To make a general inspection of the research work of the Forest Service being conducted at the various points.	730.32
Clark, C. C.....	Assistant chief of bu- reau.....	Weather.....	Do.....	To attend a meeting of the American Association for the Advancement of Science. To inspect the investigative work carried on at the Forest Products Laboratory.	56.46 93.46
Clark, H. H.....	Scientific assistant.....	Office of the Secretary (farm management). Do.....	Do.....	To inspect stations at points named..... To collect data on farm ownership..... To collect data on farm ownership investigations.....	24.85 49.98 684.68
Do.....	do.....	do.....	Do.....	To take depositions of expert witnesses in the case of the United States <i>v.</i> R. H. Cameron et al., concerning certain mining claims in the Grand Canyon National Monument, Tusayan National Forest.	39.57
Do.....	do.....	do.....	Do.....	To make field studies on the cost of growing pota- toes.	483.19
Clark, W. Blair.....	Superintendent of the Maine potato inspec- tion service.	Federal Horticultural Board.	New York, N. Y. (Dec. 9-24, 1915).....	To inspect nursery stock, potatoes, cotton, and other plant products, and to assist in the enforce- ment of quarantines and regulations during the temporary absence of permanent inspector.	68.05

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Clark W. Blair.....	Biochemist.....	Plant Industry.....	Hastings, Gainesville, Areadia, Fla. (Mar. 7-May 5, 1916).	To conduct experiments for the control of diseases of potatoes, tomatoes, and other plants, in connection with the office of cotton and truck disease investigations.	\$157.45
Clawson, A. B.....	Physiologist.....	Animal Industry.....	Salina, Mantzi, Salt Lake City, Utah; Chicago, Beecher City, Fauquier Springfield, Ill.; July 1-Oct. 16, 1915; May 17, 1916; June 1-30, 1916).	To assist in making experiments and investigations in studying the effect which certain poisonous plants have upon live stock.	250.00
Clement, C. E.....	Assistant market milk specialist.....	do.....	Baltimore, Md.; New York, N. Y.; Boston, Mass.; Philadelphia, Pa. (Nov. 29-Dec. 7, 1915); Detroit, Mich.; Buffalo, Rochester, N. Y. (Mar. 2-12, 1916).	To make a study of the handling and delivery of the city milk supply and the cost of same. To make inspections of the large city milk plants.	311.09
Do.....	do.....	do.....	do.....	To obtain data on the handling and delivery of milk in Detroit, Mich.; Buffalo and Rochester, N. Y.; and to make a preliminary survey with a view to future work.	82.04
Do.....	do.....	do.....	do.....	To collect data on the methods and cost of handling the milk by city milk dealers, also attend public hearing held by the Interstate Commerce Commission on milk freight rates.	49.11
Clinton, L. A.....	Photographer.....	Division of Publications.....	Beltsville, Md. (July 1-Aug. 17, 1915); Chicago, Ill.; Fort Collins, Colo. (Nov. 4-24, 1915); Columbus, Ohio; Lansing, Mich.; Madison, Wis.; St. Paul, Minn.; Bozeman, Mont.; Pullman, Wash.; Moscow, Idaho; Corvallis, Oreg.; Berkeley, Cal.; Reno, Nev.; Logan, Utah; Fort Collins, Colo.; Lincoln, Nebr.; Chicago, Ill. (July 20-Aug. 22, 1915); Willimantic, Hartford, Storrs, Conn.; Kingston, R. I.; Amherst, Mass.; Columbus, Ohio; St. Paul, Minn.; Bozeman, Mont.; Tacoma, Wash.; Oakland, Calif.; Salt Lake City, Utah; Denver, Colo. (Sept. 10-Oct. 1, 1915); Burlington, Vt.; Amherst, Mass.; New Brunswick, N. J.; Newark, Del. (Oct. 12-21, 1915).	To make moving-picture films showing methods of handling wood. To confer with officials of State agricultural colleges in relation to their extension work; with State and county agents and leaders in relation to farmers' cooperative demonstration work; and to attend the annual convention of extension and farmers' institute workers at Berkeley, Cal.	2.26 235.15 313.73
Do.....	do.....	States Relations Service.....	do.....	To confer with officials of State agricultural colleges in relation to their extension work and with county agents in connection with farmers' cooperative demonstration work in the New England and Middle Atlantic States.	93.92
Do.....	do.....	do.....	do.....	To confer with officials of State agricultural colleges in relation to their extension work.	79.65

Do.....	States Relations Service.	Bellefonte, State College, Altoona, Pa.; Columbus, Ohio (Oct. 26-30, 1915).	To confer with officials of State agricultural colleges in relation to their extension work and to confer with State leaders and county agents in relation to the conduct and progress of farmers' cooperative demonstration work.
Do.....	do.....	St. Louis, Mo. (Nov. 13-25, 1915).....	To confer with county agents and state leaders in relation to the conduct and progress of county agent work and plans for future work.
Do.....	do.....	Ithaca, N. Y. (Nov. 29-Dec. 4, 1915).....	To examine demonstration and extension work and to confer with officials in relation to their work.
Do.....	do.....	Newark, Del.; New Haven, Willimantic, Conn.; Amherst, Mass.; New York, N. Y.; New Brunswick, N. J. (Dec. 6-10, 1915).	do.....
Do.....	do.....	New York, N. Y.; Springfield, Mass. (Feb. 14-15, 1916); Boston, Mass.; Kingston, R. I.; Willimantic, Conn.; New York, N. Y. (Feb. 29-Mar. 7, 1916).	To confer with State and department officials and field employees in relation to progress of the work.
Do.....	do.....	Redlands, Riverside, Fresno, San Diego, Los Angeles, Whittier, San Jose, Berkeley, San Francisco, Santa Rosa, Castilla, Cal.; Salem, Portland, Hood River, Oreg.; Seattle, Bellingham, Lynden, Spokane, Wenatchee, North Yakima, Pendleton, Wash.; Boise, Idaho; Salt Lake City, Utah; Denver, Colo. (Aug. 5-Oct. 5, 1916).	To secure comparative data on varieties of fruits and study habits and variations of tree growth in the different sections, in connection with the pomological investigations of the bureau.
Close, Chas. P.....	Plant Industry.....	St. Louis, Mo.; Chicago, Ill. (May 15-22, 1916). Reno, Nev.; Davis, Berkeley, Cal.; Yuma, Sonora, Phoenix, Buckeye, Gila Bend, Maricopa, Gilbert, Glendale, Mesa, Ariz. (Sept. 2-Dec. 29, 1915). Woods Hole, Mass. (June 6-12, 1916).....	To study the fruit exhibit of the New York State Fruit Growers' Association.
Do.....	do.....	Office of the Secretary (farm management).	To appear as a witness in a case reported for prosecution.
Clothier, R. W.....	Agricultural technologist.	Plant Industry.....	To make labor income and farm enterprise surveys.
Cobb, N. A.....	Agricultural technologist.	Fall River, Mass. (Mar. 5-Apr. 23, 1916).....	To carry on investigations in connection with the Office of Agricultural Technology, especially those relating to free-living and plant-infecting nematodes.
Coburn, C. E.....	Assistant in agriculture technology.	Office of Markets and Rural Organization.	To assist in the semicommercial tests to be made at the Pocasset Manufacturing Co., Fall River, Mass., for determining the tensile strength, waste, and bleaching qualities, as well as the relative spinning value of different grades and classes of cotton.

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work,	Total expense.
Coe, H. S.	Scientific assistant . . .	Plant industry . . .	Lafayette, Ind.; Ames, Delmar, Iowa; Fargo, N. Dak.; Minneapolis, Minn.; Brookings, Redfield, Mitchell, S. Dak.; Manhattan, Garden City, Kans.; Lexington, Ky.; Orville, Ohio (Aug. 20-Oct. 11, 1915). Lansing, Mich. (Jan. 18-23, 1916). Raleigh, N. C. (May 25-26, 1916)	To study and collect data on the culture of various types of clover in connection with forage crop investigations. To collect data on the culture of sweet clover To test a clover seed harvesting machine, and inspect clover experiments. To inspect red clover breeding nurseries, and investigate the culture of sweet clover.	\$228.18 60.51 21.06 202.55
Do.	do	do	Pontiac, Rockford, Rochelle, Ill.; Ames, Iowa, Hays, Manhattan, Kans.; Mitchell, Redfield, Brookings, S. Dak.; Minneapolis, Minn.; Fargo, N. Dak.; Wooster, Orville, Ohio. (May 30-June 23, 1916). Cincinnati, Cleveland, Ohio; Indianapolis, Ind.; Chicago, Ill. (Dec. 21-31, 1915)	To obtain information concerning the assignment of clerks, handling of reports, and maintenance of supplies. To conduct experiments in the acclimatization, adaptation, and breeding of corn, cotton, and other tropical plants, in connection with crop acclimatization investigations.	87.20 391.36
Cohran, J. R.	Clerk.	Animal industry . . .	Chula Vista, San Diego, Calif., Berkeley, San Francisco, Cal. (July 1-Nov. 28, 1915).	To interview transportation officials, commission merchants and others interested in the raising and marketing of strawberries, peaches, and tomatoes, in order to establish a limited market news service.	152.45
Collins, Guy N.	Botanist	Plant Industry . . .	Chicago, Ill.; Omaha, Kansas City, Nebr.; St. Louis, Mo. (July 1-27, 1915). Office of Markets and Rural Organization.	To interview transportation officials, dealers, and others interested in the marketing of peaches, and other perishable products, and to supervise the work of the market reporters of this office in New York City in connection with the experimental market news service.	135.38
Collins, J. H.	Assistant in market surveys.	do	New York, Albany, Buffalo, N. Y.; Cleveland, Ohio; Detroit, Mich.; Chicago, Ill.; Cincinnati, Columbus, Ohio (Aug. 17-Sept. 1, 1915). do	To investigate marketing conditions, to confer with the eastern representatives of New York City, and Fruit Growers Exchange at New York City, and to supervise the work of this office now being conducted in New York City in connection with the experimental market news service.	25.30
Do.	do	do	New York, N. Y. (Sept. 22-25, 1915)	To interview railroad officials and dealers in reference to the car-load arrivals and diversions of various perishable crops, particularly strawberries, tomatoes, cantaloupes, and peaches.	78.66

Do.....	do.....	.....do.....	59.45
Do.....	do.....	.....do.....	517.30
Collins, W. D.....	Assistant chemist.....	Chemistry.....	48.62
Do.....	do.....	.....do.....	61.56
Do.....	do.....	.....do.....	165.80
Do.....	do.....	.....do.....	9.33
Do.....	do.....	.....do.....	236.77
Connor, Louis G.....	Agriculturist.....	Office of the Secretary (farm management)	To make a study of the marketing situation in the States named; to interview shippers, prepare and disseminate market reports on the tomato crop, and to arrange for railroad reports of shipments and diversions and complete arrangements for market news service. To assist in the investigations relative to the packaging of foods and food products in tin containers. do.....
Connor, L. G.....	Assistant agriculturist.....	Office of the Secretary (farm management)	Plant Industry.....
Connor, Margaret.....	Scientific assistant.....	New York, N. Y.; Montreal, N. J. (Oct. 6-9, 1915).	To confer with college officials on research in history of farm management, collecting data thereon, and editing Wisconsin records (secured in cooperation with this office) pertaining thereto. To inspect commercial plants manufacturing potato chips and other by-products of potatoes, in connection with the work of horticultural investigations.
Do.....	do.....	Diamond Springs, Va. (June 19-24, 1916).	To take notes on the harvesting of experimental plantings of potatoes for use in the Irish potato investigations.

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Cook, F. C.	Physiological chemist.	Chemistry.....	Chattanooga, Tenn.; New Orleans, Baton Rouge, La. (Oct. 23-29, 1915).	To conduct experiments on the destruction of the fly maggot, without destroying the fertilizing value of the manure.	\$71.37
Do.....	do.....	do.....	Baton Rouge, La.; Memphis, Tenn.; St. Louis, Mo.; Jackson, Miss. (Nov. 20-24, 1915).	To appear as a witness in a case reported for prosecution.	64.00
Do.....	do.....	do.....	New Orleans, La. (Dec. 1-12, 1915).....	To conduct experiments on the destruction of the fly maggot, without destroying the fertilizing value of the manure.	77.63
Do.....	do.....	do.....	Vienna, Va. (6 trips between May 12-15-19-25, 1916).	To conduct cooperative tests on the chemical nature and the preparation and effect of sprays.	4.00
Do.....	do.....	do.....	Vineyard, N. J. (May 16-19, 1916).....	do.....	38.06
Do.....	do.....	do.....	Vineyard, N. J. (May 26-28, 1916).....	do.....	20.06
Do.....	do.....	do.....	Vienna, Va. (June 1, 1916).....	do.....	.82
Do.....	do.....	do.....	Boonton, Va. (June 2, 1916).....	do.....	.77
Do.....	do.....	do.....	Vienna, Va. (June 3, 1916).....	do.....	1.35
Do.....	do.....	do.....	Philadelphia, Pa.; Vineyard, N. J. (June 5-8, 1916).....	do.....	25.22
Do.....	do.....	do.....	Vienna, Va. (June 10, 1916).....	do.....	1.12
Do.....	do.....	do.....	Vienna, Va. (June 11-13, 1916).....	do.....	4.87
Do.....	do.....	do.....	Philadelphia, Pa.; Vineyard, N. J. (June 14-15, 1916).....	do.....	19.77
Do.....	do.....	do.....	St. Louis, Mo.; Bentonville, Rogers, Ark. (June 16-24, 1916).....	do.....	115.54
Do.....	do.....	do.....	Greenwood, (Charlottesville, Vienna, Va. (June 26, 1916).....	do.....	.42
Do.....	do.....	Animal Industry.....	Vienna, Va. (June 30, 1916).....	To confer with local authorities concerning matters pertaining to the local milk supply and to cooperate with the Bureau of Chemistry for the purpose of improving the milk supply in the cities mentioned.	2.07
Cook, L. B.	Milk specialist.	do.....	Buffalo, N. Y.; Crown Point, Ind.; Omaha, Nebr.; Milwaukee, Waukesha, Ill.; Wis.; Jackson, Mich.; Chicago, Ill.; St. Louis, Kansas City, St. Joseph, Mo.; Olathe, Lawrence, Kans. (July 20-Sept. 27, 1915). (Annapolis, Md. (Oct. 25, 1915).....	To inspect the United States Naval Academy dairy and make bacteria counts of the milk.	404.86
Do.....	do.....	do.....	Baltimore, Md. (Nov. 4, 1915).....	To score the milk at the State dairyman's contest..	.60
Do.....	do.....	do.....	Wilmington, Del., Charlotte, N. C. (Nov. 17-21, 1915).....	To deliver an address to the dairymen.....	2.38
Do.....	do.....	do.....	Annapolis, Md. (Nov. 23, 1915).....	To inspect the United States Naval Academy dairy and make bacteria counts of the milk.	40.20
Do.....	do.....	do.....	Boston, Mass. (Dec. 28, 1915-Jan. 1, 1916).....	To score the milk and cream for the State show held by the dairy interests of Massachusetts.	2.39
					44.25

Do.....	do.....	To score dairy at United States experimental farms.	.25
Do.....	do.....	To make bacteria counts and score dairy of the United States Naval Academy.	1.01
Do.....	do.....	To score milk and cream at a contest held by the city pure-food department.	65.35
Do.....	do.....	To inspect the United States Naval Academy dairy and make bacteria counts of the milk.	1.10
Do.....	do.....	To inspect the farm which produces the milk which is sold in the Government buildings in Washington, D. C.	3.65
Do.....	do.....	To confer and plan with local officials in regard to a milk survey of the city.	23.70
Do.....	do.....	To inspect the United States Naval Academy dairy and make bacteria counts of the milk.	2.95
Do.....	do.....	To inspect city milk plants and dairies where brewers' swill is fed to dairy cattle.	2.55
Do.....	do.....	To make arrangements for conducting experimental work along the line of clean milk production in connection with the Grove City creamery.	26.15
Waterbury, Conn. (Mar. 15-17, 1916).....	do.....	To inspect and study experimental planting of cotton and corn and arrange for the care of new introductions from South America, in connection with the acclimatization, adaptation, and breeding of cotton and corn and other tropical plants.	233.82
Gambrills, Md. (Mar. 20, 1916).....	do.....	To study apple and other fruit diseases and methods of their control, in connection with fruit-disease investigations.	16.30
Baltimore, Md. (Apr. 25, 1916).....	do.....	do.....	9.26
Grove City, Pa. (June 19-22, 1916).....	do.....	do.....	28.75
Sacaton, Mesa, Yuma, Ariz.; Bard, El Centro, San Diego, Chula Vista, San Francisco, Los Angeles, Indio, Cal.; San Antonio, Tex. (Oct. 20-Nov. 24, 1915).....	Middletown, Winchester, Berryville, Va.; Martinsburg, W. Va. (Aug. 3-11, 1915).....	Middletown, Va. (Aug. 24-26, 1915).....	12.67
Cook, O. F. Bionomist in charge of crop acclimation.	Plant Industry.....	Hagerstown, Md.; Quincey, Pa.; Winchester, Middletown, Va. (Sept. 8-11, 1915).....	8.16
Cooley, J. S. Scientific assistant.....	do.....	do.....	20.13
Do.....	do.....	do.....	91.98
Do.....	do.....	do.....	346.66
Do.....	do.....	Forest Service.....	
Cooper, H. L. Assistant in agricultural technology.	Office of Markets and Rural Organization.	New Bedford, Fall River, Mass.; New York, N. Y. (July 1-Aug. 7, 1915).	
Do.....	do.....	New York, N. Y.; Fall River, Boston, Mass. (Mar. 12-June 24, 1916).	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Cooper, M. O.	Assistant.....	Office of the Secretary (farm management).	Muncie, Selma, Farmland, Ind.; Chicago, Ill.; Knerim, Fort Dodge, Greenfield, Bedford, Red Oak, Elliott, Clamda, Shambough, Staunton, Atlantic, Marne, Avoca, Halan, Tenant, Kirkland, Dennis, Beloit, Mapleton, Onawa, Sloan, Sioux City, Le Mars, Rock Valley, Sheldon, Merrill, Barnum, Creston, Afton, Des Moines, Newton, Grinnell, Montezuma, Bell, Plains, Marshalltown, Rockwall City, Ames, Iowa; St. Joseph, Maryville, Mo.; Omaha, Craig, Plattsburgh, Homer, Rossie, Craig, Nebraska City, Nebr. (July 28-Oct. 16, 1915); do.....	To study methods used, equipment required, labor performed, and the cost of growing and finishing beef animals.	\$452.54
Do.	do.....		Towson, Md.; West Chester, Norristown, Pa.; Trenton, New Brunswick, N. J.; Ithaca, N. Y.; Wooster, Warren, Ohio; Elgin, Princeton, Ill.; Beloit, Janesville, Whitewater, Port Atkins, Wis.; Charles City, Waverly, Cedar Falls, Davenport, Clinton, Belle Plains, Iowa (July 8-Nov. 2, 1915); do.....	To hold field conference and making a farm survey of 300 farms in Frederick County, Md. To collect data on the cost of producing corn silage, capacity of silos, shrinkage of silage, and cost of storing silage.	16.77
Cooper, M. R.	do		Clinton, Cedar Rapids, Iowa (Apr. 29-May 9, 1916); do.....	To study the cost of silage and farmers who are cooperating in the weighing of silage to determine shrinkage during storage. To conduct an investigation relative to sauerkraut, its production, manufacture, etc.	609.87
Do.	do		New York, N. Y.; Bradford, Philadelphia, Pittsburgh, Pa.; Fremont, Cleveland, Sandusky, Norwalk, Ohio; Chicago, Ill.; Toledo, Ohio; Racine, Wis.; Canandaigua, N. Y. (Sept. 4-Oct. 18, 1915); Spring Gap, Hancock, Md.; Sleepy Creek, Patersons Creek, W. Va. (July 26-28, 1915).	To inspect orchards in connection with investigations in the methods of harvesting, packing, picking, transporting, and storing of fruits.	187.41
Coopersmith, S.	Bacteriologist.....	Chemistry.....	Plant Industry.....	To inspect work in progress and secure data in connection with pomological investigations.	247.88
Corbett, L. C.	Horticulturist in charge horticultural and pomological investigations.		do.....	Vineland, Mays Landing, Egg Harbor, Norma, N. J.; New York, Bedford Hills, Spencerville, Milton, Churchville, Watkins, N. Y. (Aug. 22-30, 1915).	11.76
Do.	do.....		do.....	To inspect work in progress and secure data in connection with pomological investigations.	50.46

Do.....	.....do.....	Norfolk, Va., and vicinity (Oct. 26-27, 1915).	To investigate truck-crop conditions in connection with horticultural investigations.	12.40
Do.....	.....do.....	New York, N. Y. (May 14-15, 1916).....	To confer with railway officials and receivers of perishable products, with a view to securing their cooperation in future work in connection with horticultural investigations.	20.75
Corbett, L. L.....	Assistant farm superintendent.	Arlington, Belmont, Mass.; Irondequoit, Watkins, N. Y. (Sept. 15-26, 1915).	To study the economic growing of cucumbers in greenhouses; greenhouse heating and construction.	80.91
Do.....	.....do.....	Frederick, Md. (Oct. 25-30, 1915).....	To hold a field conference and making a farm survey of 300 farms in Frederick County, Md.	18.05
Do.....	.....do.....	Anacostia, D. C.; Mount Hope, College Park, Md.; Clarendon, Alexandria, Va. (Nov. 2-16, 1915).	To investigate the cost of heating greenhouses and studying equipment required on truck farms.	4.35
Do.....	.....do.....	Alexandria, Va.; Takoma Park, Congress Heights, Mount Pleasant, D. C.; College Park, Md. (Nov. 28, 1915-Apr. 1, 1916).	.....do.....	21.05
Do.....	.....do.....	Philadelphia, Pa.; Collingswood, N. J. (June 26-28, 1916).	To study greenhouse equipment and greenhouse heating.	13.80
Corneliuson Thomas.....	Dairy manufacturing specialist.	Grove City, Pa.; Richmond, Va. (July 21-30, 1915).	To test milk, and cream received at Grove City creamery and to Richmond to score a lot of experimental butter handled by the State dairy and food division.	53.87
Do.....	.....do.....	Sayre, Pa.; St. Paul, Hutchinson, Minn.; Des Moines, Fort Madison, Keokuk, Iowa; Lincoln, Nebr.; Denver, Colo.; Chicago, Ill.; Evansville, Ind.; Toledo, Cleveland, Ohio (Aug. 4-Sept. 24, 1915), Richmond, Norfolk, Va. (Sept. 30-Oct. 1, 1915).	To inspect creameries and renovated-butter factories and plants packing butter for the United States Navy.	257.63
Do.....	.....do.....	Richmond, Va. (Oct. 11-12, 1915).....	To score butter to be exhibited at the Virginia State Fair.	23.99
Do.....	.....do.....	New York, N. Y.; Jersey City, N. J. (Oct. 14-15, 1915).	To investigate the distribution of renovated butter.	12.00
Do.....	.....do.....	Columbia, Darlington, S. C.; Charlotte, Raleigh, Mooresville, Newton, Salisbury, Lincolnton, N. C. (Oct. 17-Nov. 20, 1915).	To supervise the installation of creamery equipment in a cooperative creamery at Darlington, S. C., to confer with local dairy authorities concerning extension work in North Carolina, South Carolina, and Georgia.	20.74
Do.....	.....do.....	Norfolk, Richmond, Va. (Dec. 7-10, 1915).....	To score butter in connection with the office of Markets and Rural Organization and for the State dairy and food division of Virginia.	144.36
Do.....	.....do.....	Hendersonville, N. C.; Columbia, Spartanburg, Darlington, S. C.; Norfolk, Va. (Jan. 2-9, 1916).	To points in North and South Carolina for the purpose of supervising and investigating creamy work of the bureau and to Norfolk, Va., to score butter that is to be used in the Navy.	23.97
Do.....	.....do.....	Spartanburg, S. C. (Jan. 16-18, 1916).....	To inspect creamy work of the bureau.	59.04
Do.....	.....do.....	Middleton, Frederick, Md. (Jan. 21, 1916).....	To inspect a renovated-butter plant at Middleton, Md.	37.07
				4.94

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Corneliuson, Thomas ..	Dairy manufacturing specialist.	Animal Industry ..	Chicago, Ill.; Eau Claire, Wis.; St. Paul, Minneapolis, Minn.; Des Moines, Iowa; Omaha, Lincoln, Nebr.; Sioux City, Iowa; Salisbury, N. C.; Denver, Colo.; Topeka, Kansas City, Kans.; Toledo, Cleveland, New Comerstown, Ohio; Cumberland, Md.; Elkins, Wheeling, W. Va. (Jan. 25–Feb. 27, 1916); Moresville, N. C. (Mar. 6–12, 1916).....	To score butter exhibited at the dairymen's meetings and to inspect renovated-butter factories.	\$258, 15
Do.....	.....do.....	.....do.....	.....do.....	To inspect creamery work being conducted by the bureau.	41. 22
Do.....	.....do.....	.....do.....	.....do.....	To inspect renovated-butter factories and butter being packed for the use of the Navy Department.	393. 06
Cotton, J. S.	Agriculturist	Office of the Secretary (farm management).	Chicago Ill.; Keokuk, Fort Madison, Iowa; Kansas City, Mo.; Topeka, Kans.; Denver, Colo.; Eureka, Ferndale, Crescent City, Cal. (Apr. 4–June 30, 1916); Muncie, Ind.; Champaign, Ill.; Chicago, Ill.; Marshalltown, Ames, Fort Dodge, Iowa; St. Joseph, Hiawatha, Kansas City, Mo.; Emporia, Council Grove, Topeka, Kans.; Cottonwood Falls, Lost Springs, Herrington, Horton, Sabetha, Kans.; Pawnee, Beatrice, Cortland, Omaha, Avoca, Nebr.; Walnut, Harlan, Sheridan, Sioux City, Rock Valley, Sherridan, Iowa (July 23–Sept. 15, 1915); Frederick, Md. (Oct. 25–30, 1915).....	To study methods used, equipment required, labor performed and the cost of growing and finishing beef animals.	318. 22
Do.....	.....do.....	.....do.....	.....do.....	To hold a field conference and making a farm survey of 300 farms in Frederick County, Md.	17. 70
Do.....	.....do.....	.....do.....	.....do.....	To study methods used, equipment required, labor performed and the cost of growing and finishing beef animals.	182. 25
Covert, R. N.	Clerk, class E	Weather	Weather	To install new system of storm-warning lanterns.	132. 76
Do.....	.....do.....	.....do.....	.....do.....	To outline a plan for the installation of lightning protection at the United States Experimental Farm.	.74
Do.....	.....do.....	.....do.....	.....do.....	To install new system of storm-warning lanterns.	155. 70

Coville, F. V.	Botanist in charge of economic and systematic botany.	Plant Industry.....	New Lisbon, N. J. (July 6-9, 1915)	To inspect and study the fruiting hybrids and native blueberries on the cooperative testing plantation, in connection with economic and systematic botany.	17.98
Do	do.....	do.....	Killarney, Canada, and vicinity (July 16-Aug. 1, 1915).	To secure wild blueberry stock for propagation.	152.67
Fo	do.....	do.....	East Wareham, South Lyndeboro, Mass. (Aug. 11-19, 1915).	To confer with authorities regarding blueberry culture, inspect sites for experimental plantations, and secure stock for propagation.	51.25
Craighead, F. C.	Assistant in forest entomology.	Entomology.....	Tyrone, Pa. (July 10-19, 1915)	To make a study of insects affecting forest and shade trees.	35.80
Fo	do.....	do.....	Long Island, N. Y. (Sept. 26-30, 1915).	To make a study of the hickory barkbeetle.	32.77
Fo	do.....	do.....	Charter Oak, Pa. (June 2-8, 1916)	To make an investigation of the round-headed borers affecting forest trees.	28.75
Crandall, E. L.	Photographer.	Plant Industry.....	Willard, N. C. (Sept. 15-19, 1915).	To make photographs of experimental grapes in connection with pomological investigations.	29.98
Fo	do.....	do.....	Salisbury, Berlin, Md. (Mar. 27-31, 1916)	To make photographs of experimental strawberries in connection with pomological investigations.	22.75
Crawley, Howard....	Assistant zoologist.	Animal Industry.....	Bethesda, Md. (Dec. 2, 1915-June 8, 1916)	To assist in conducting creamery experiments at the United States experimental station.	3.84
Creswell, C. F.	Scientific assistant.	Office of Markets and Rural Organization.	Harrisburg, Pa.; St. Louis, Mo.; various points in Arkansas, Mississippi, and North Carolina (Sept. 4-Oct. 16, 1915).	To investigate cotton handling and marketing conditions and conduct survey of long staple and sea island cotton markets, including the selection of necessary collaborators and instructing them in their work.	309.26
Do	do.....	do.....	Points in North Carolina, Georgia, Florida, Mississippi, and Tennessee (Nov. 6-Dec. 6, 1915).	To conduct a survey of long staple and sea island cotton markets, collecting types of the different grades of sea island cotton in order to investigate the use of the official cotton standards in primary markets, and interview field collaborators.	216.57
Do	do.....	do.....	Various points in the States of Virginia, North Carolina, Tennessee, Mississippi, Arkansas, and Oklahoma (May 9-June 25, 1916).	To investigate the practice of selling cotton in the seed in order to determine the advantages and disadvantages of this practice, and the extent to which the official standards are used in making such sales.	440.94
Creswell, Mary E.	Assistant in girls camping clubs and home demonstration work.	States Relations Service.	Athens, Atlanta, Ga. (July 5-17, 1915).	To confer with county agents in relation to progress and conduct of farmers' cooperative demonstrations.	98.02
Do	do.....	do.....	Atlanta, Rome, Ga.; Montgomery, Ala.; New Orleans, La.; Houston, Tex.; Los Angeles, San Francisco, Berkeley, Cal.; Portland, Ore.; Seattle, Wash.; Banff, Canada; Cleveland, Ohio; St. Paul, Minn. (July 30-Sept. 21, 1915).	To confer with directors of extension work in relation to the conduct and progress of farmers' cooperative demonstrations in the South; to attend a meeting of the American Home Economics Association in the interest of the home demonstration work of the department; to deliver an address on "Extension Work for Women," to acquire information for use in official work and disseminate information on the farm home demonstration work of the department.	281.95

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Creswell, Mary E.	Assistant in girls' canning clubs and home demonstration work.	State Relations Service.	Athens, Ga.; Macon, Ga.; Knoxville, Tenn. (Jan. 8-Feb. 9, 1916).	To confer with State and county agents in relation to conduct of work and plans for future work.	\$156.63
Do	do	do	Athens, Ga.; Auburn, Ala.; Tallahassee, Fla.; Agricultural College, Miss.; Baton Rouge, La. (Feb. 19-May 10, 1916).	To confer with county agents in relation to progress and conduct of farmers cooperative demonstration work.	235.73
Do	do	do	New York, N. Y. (May 25-30, 1916).	To attend Home Economics department conference of the General Federation of Women's Clubs, and to discuss home demonstration work.	25.30
Crittenden, R. L.	Specialist in charge of cotton classing.	Office of Markets and Rural Organization.	New Orleans, La. (Aug. 21-June 30, 1915).	Those ure information relative to the United States cotton futures act and to assist in proper enforcement of same.	834.15
Cronein, P. D.	Law clerk.	Office of the Secretary.	Buffalo, N. Y. (July 11-13, 1915).	To conduct the legal work of the department under the food and drugs act.	32.56
Do	do	do	Chicago, Ill. (Aug. 1-5, 1915).	do	61.65
Do	do	do	Chicago, Ill.; Kansas City, Mo. (Dec. 16-22, 1915).	do	93.20
Do	do	do	Kansas City, Mo.; Wichita, Kans. (May 20-26, 1916).	do	106.75
Crosby, M. A.	Agriculturist	Office of the Secretary (farm management).	Montgomery, Birmingham, Ala. (July 17, 1915).	To investigate and encourage the adoption of improved methods of farm management and farm practice.	49.23
Do	do	do	Clarksdale, Macon, Miss.; Birmingham, Ala.; Pensacola, Fla. (Aug. 25-Nov. 5, 1915).	do	141.09
Dachnowski, Alfred P.	Physiologist.	Plant Industry.	Plymouth, Columbus, Ohio; Pittsburgh, Pa. (Nov. 17-25, 1915).	To collect soil samples for laboratory and greenhouse use in connection with soil fertility investigations.	51.79
Do	do	do	Hackettstown, Rutherford, Great Meadows, Paterson, Mountain Lake, Ridgewood, Allendale, Lincoln Park, Newark, Elizabeth, Toms River, Bayville, Newton, Vernon, N. J.; Goshen, Florida, N. Y. (May 3-June 15, 1916).	do	173.22
Daish, W. M.	Clerk.	Office of Markets and Rural Organization.	Chicago, Ill. (Nov. 11-18, 1915).	To assist in making a stenographic report of the proceedings of the live stock and meat marketing conference.	65.90
Dale, Julian K.	Junior chemist.	Chemistry.	Golden, Meridian, Miss. (Sept. 19-Oct. 4, 1915).	To conduct experiments in the manufacture of cane sirup, in connection with table sirup investigation.	116.00
Do	do	do	Cairo, Ga. (Nov. 15-Dec. 11, 1915).	do	236.61
Do	do	do	St. Petersburg, Everglade, Fort Myers, Fla. (Jan. 1-Feb. 9, 1916).	do	334.51

Do.....	do.....	Randolph, Vt. (Apr. 4-13, 1916).....	do.....	115.92
Dana, S. T.	Assistant chief, silvics. Forest Service.	Portland, Me.; Western Headquarters; Madison, Wis. (Aug. 13-Nov. 18, 1915).	To make certain studies in connection with sample plot work and to study the social and economic effects of destructive lumbering. Also to inspect the investigative work in the western districts and to carry on field work in connection with the studies of the monetary value of National Forest watershed protection and of erosion on the National Forests.	709.04
Do.....	do.....	Points in Michigan (May 3-26, 1916).....	To continue the study of the effect of destructive lumbering upon social and economic conditions. To make traction tests.....	124.18
Daniels, A. M.	Assistant mechanical engineer.	Bethesda, Md. (Jan. 4-6, 1916).....	1.30	
Do.....	do.....	Bethesda, Md. (Jan. 14, 1916).....	do.....	
Do.....	do.....	Bethesda, Md. (Jan. 18, 1916).....	do.....	.45
Do.....	do.....	Bethesda, Md. (Jan. 20, 1916).....	do.....	.45
Do.....	do.....	Bethesda, Md. (Jan. 27, 1916).....	do.....	.45
Do.....	do.....	Bethesda, Md. (Feb. 7, 1916).....	do.....	.65
Do.....	do.....	Bethesda, Md. (Feb. 11, 1916).....	do.....	.40
Do.....	do.....	Bethesda, Md. (Feb. 26, 1916).....	do.....	.20
Do.....	do.....	Austin, San Antonio, Tex. (Apr. 19-May 13, 1916). Chemistry.....	do.....	400.00
Da idson, J.	Soil chemist.	Lexington, Ky. (Apr. 12-20, 1916).....	To conduct experiments to determine the influence of nitrates and other plant foods on the chemical composition and physical characteristics of wheat.	66.05
Do.....	do.....	Lexington, Ky. (May 16-20, 1916).....	do.....	53.06
Do.....	do.....	Lexington, Ky. (June 5-10, 1916).....	do.....	56.60
Do.....	do.....	Lexington, Ky. (June 22-29, 1916).....	do.....	64.80
Da is, H. P.	Assistant dairy husbandman.	Manassas, Va. (Aug. 21, 1915).....	To attend meeting of farmers and dairymen.....	1.40
Do.....	do.....	Fairfax, Va. (Aug. 28, 1915).....	To attend a meeting of Holstein cattle breeders.	.80
Do.....	do.....	Fredericksburg, Va. (Sept. 7, 1915).....	To attend the Virginia State Farmers' Institute and deliver an address on "How to Make Dairy-ing Work Profitable".	1.95
Do.....	do.....	Frederick, Md. (Oct. 19-20, 1915).....	To assist in a high-school students' dairy cattle judging contest at Frederick, Md.	6.07
Do.....	do.....	Beloit, Wis.; Chicago, Ill.; Brandon, Bel-lows Falls, Vt.; Peterboro, N. H.; New York, N. Y. (Dec. 8-16, 1915).	To confer with the officials of certain cattle breeders association regarding the records of animals quarantined at Chicago, Ill.	95.08
Do.....	do.....	Annapolis, Easton, Md. (Jan. 12, 1916).....	To deliver an address before the Eastern Shore Guernsey Breeders Association.	5.20
Do.....	do.....	Manassas, Va. (Apr. 8, 1916).....	To attend a meeting of Prince William County Dairymen's Association.	1.65
Do.....	do.....	Westminster, Md. (May 1-2, 1916).....	To attend the meeting of Carroll County Cow Testing Association.	5.45
Do.....	do.....	Soils.....	To investigate methods used in the production of potash from kelp, and to estimate the possible resources and determine the best methods for the conservation of the Pacific coast kelp beds.	380.98
Davis, R. O. E.	Scientist in soil laboratory investigations.	Wilmington, Del.; Chicago, Ill.; St. Louis, Mo., and various points in the State of California (Jan. 5-Feb. 8, 1916).		

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Dean, W. S.	Assistant in cotton testing.	Office of Markets and Rural Organization.	New Bedford, Taunton, Mass.; Providence, R. I.; Fall River, Mass.; New York City, N. Y. (July 1-Aug. 7, 1916).	To continue the investigations of conditions of Arizona-Egyptian cotton, in connection with the spinning tests, and to make pink boll worm investigations on foreign-grown cotton, and also inspect spinning test on fumigated and unfumigated cotton.	\$126.99
Do. ....	.....do.....	.....do.....	New York, N. Y.; Fall River, New Bedford, Mass. (Jan. 23-Feb. 13, 1916).	To sample and grade the cotton stored at the Fall River warehouse to be used in the spinning tests to be conducted at the Poocasset Manufacturing Co., small to determine the wasted tensile strength, and bleaching qualities of the different grades and classes of cotton.	98.65
Do. ....	.....do.....	.....do.....	Various points in North Carolina; New York, N. Y.; Providence, R. I.; Fall River, New Bedford, Mass. (Mar. 5-June 30, 1916).	To continue tests of cotton as standardized by the Government selected from bales tested in the Poocasset Mills.	429.20
Dearborn, Ned.	Assistant biologist....	Biological Survey....	Ketchikan, Fairbanks, and various other points in Alaska, and various other points in Yukon Territory, British Columbia, Saskatchewan, Alberta, Manitoba, Canada; Indianapolis, Ind.; Lombard, Ill.; New Lebanon, Ohio (July 3-Sept. 25, 1915).	To investigate fur farming and obtain data for use in experiments being conducted by the bureau in breeding fur bearers, to be published for those interested in the industry.	742.35
Do. ....	.....do.....	.....do.....	New York, Keeseville, and other points in northern New York (Oct. 6-16, 1915).	To investigate fur farming in the general area of the Adirondack region and examine properties for the purpose of providing a station for carrying on experiments in breeding fur-bearing animals.	69.71
Do. ....	.....do.....	.....do.....	Willsboro, New York, N. Y. (Dec. 31, 1915-Jan. 2, 1916).	.....do.....	34.61
Do. ....	.....do.....	.....do.....	Keeseville, N. Y. (Apr. 24-May 5, 1916).	Making plans for the establishment of an experimental fur farm near Keeseville, N. Y.	140.37
Denmaree, E. J.	Clerk.....	Chemistry.....	Chicago, Ill. (July 12-17, 1915).	To assist in procedures relative to handling cases in connection with the enforcement of the food and drugs act.	61.60
Demuth, G. S.	Agricultural assistant..	Entomology....	Lexington, Ky. (Jan. 4-6, 1916)	To attend a meeting of the Kentucky State Beekeepers' Association.	39.85
Do. ....	.....do.....	.....do.....	New Brunswick, N. J. (Feb. 10-11, 1916)	To attend a meeting of New Jersey Beekeepers' Association.	14.98
Do. ....	.....do.....	.....do.....	Various points in the States of Maryland, Virginia, West Virginia, Pennsylvania, Ohio, Indiana, and Michigan (Apr. 21-June 5, 1916).	To conduct experiments on the effect on bees of spraying orchards.	127.67

Dennis, S. J.	Refrigeration technologist.	Plant Industry.....	Wayne Junction, Pa. (Oct. 18, 1915).	To secure information regarding electrical apparatus and instruments for use in the fruit handling and storage investigations.	9.35
Do.	do.	do.	New York, N. Y.; Philadelphia, Pa. (Dec. 9-11, 1915).	To inspect refrigerating plants equipped with automatic control devices, in connection with fruit storage investigations.	26.05
Do.	do.	do.	Hall, Rochester, Albion, Spencerville, Lyons, Syracuse, Mechanicville, Rama-venna, Kingston, Highland, N. Y.; Fitchburg, Mass. (Feb. 22-Mar. 4, 1916); Shanteates, Auburn, Buffalo, North Tonawanda, N. Y.; Adrian, Mich.; War-saw, Piereton, Ind.; Madison, Waupun, Wis.; Chicago, Ill. (Aug. 31-Sept. 16, 1915).	To inspect the construction and management of apple storage houses, in connection with pomological investigations.	90.95
Dewey, Lyster H.	Botanist in charge of fiber investigations.	Forest Service.....	Twin Mountain, North Woodstock, Ply-mouth, N. H. (Aug. 16-31, 1915).	To inspect fields of teasels, hemp, and fiber flax, and to consult with growers of fiber crops and manufacturers of cordage and fiber machinery.	101.46
Dieffenbach, Rudolph. Do.	Forest examiner.	do.	Pittsburgh, Pa. (July 5-9, 1915).	To inspect surveying work being done in connection with land purchases under the Weeks law.	61.71
Ditewig, George.	Veterinary inspector.	Animal Industry.....	Chicago, Ill.; Kansas City, St. Louis, Mo. (Sept. 30-Oct. 14, 1915); Chicago, Ill.; Port Huron, Mich. (Nov. 27-Dec. 3, 1915); St. Louis, Mo.; Taylorville, Ind. (Jan. 15-21, 1916).	To appear as a witness on behalf of the Government in the trial of a case involving the meat inspection regulations.	31.15
Dix, C. F.	do.	do.	Waterford, Ohio; Salt Lake City, Ogden, Provo, Utah (July 27-Oct. 4, 1915).	To attend conferences regarding the eradication of foot-and-mouth disease.	125.37
Dix, H. M.	Assistant agriculturist	Office of the Secretary (farm management).	Frederick, Md. (Oct. 25-30, 1915)	To investigate a reported outbreak of foot-and-mouth disease at National Stock Yards, and in Christian County, Ill.	54.02
Do.	do.	do.	St. Louis, Mo.; Columbus, Ohio (Nov. 11-18, 1915).	To supervise a farm-management survey party; looking up areas for further investigation and examining conditions in regions previously surveyed.	79.13
Do.	do.	do.	Waterford, Ohio; Salt Lake City, Ogden, Provo, Utah (July 27-Oct. 4, 1915).	To hold a field conference and make a farm survey of 300 farms in Frederick County, Md.	29.70
Do.	do.	do.	Adrian, Mich. (June 13-17, 1916); Lenoir, Hickory, Sugar Grove, Grassy Creek, Abingdon, N. C. (July 6-11, 1915); Darien, Sheldon, Buffalo, N. Y. (July 15-30, 1915); Clayton, Dillard, Gainesville, Beavly, Blue Ridge, Ga. (Aug. 12-22, 1915); Marion, Bristol, Va.; Grassy Creek, N. C. (Sept. 19-25, 1915).	To attend conference and meetings of farm-management workers from the Northern and Western States to discuss methods of making farm management surveys, compile data and interpret the results.	74.75
Doane, C. F.	dairy manufacturing specialist.	Animal Industry.....	Plymouth, Milwaukee, Wis.; Chicago, Ill. (Jan. 2-13, 1916).	To study conditions in Lenawee County, Mich. To obtain information relative to certain cheese factories. To assist cheese factories in production problems. To investigate the possibilities of starting cheese factories in the mountains of northern Georgia. To investigate the difficulties in making a good quality of cheese. To consult with cheesemakers on result of summer's work and make plans for the winter work.	53.31 45.95 49.30 80.38 36.01 75.00

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Doane, C. F.	Diary manufacturing specialist.	Animal Industry.....	Manchester, N. H. (Feb. 9-11, 1916) Binghamton, Sidney, Buffalo, N. Y. (April 3-8, 1916). Knoxville, Tenn.; Calhoun, Spartanburg, Pickens, Greenville, Seneca, Walhalla, S. C. (May 6-14, 1916). Points in States of Ohio, Illinois, Wisconsin, Montana, and Idaho (May 25-June 25, 1916). Pittsburgh, Pa.; Cincinnati, Dayton, Ohio; Chicago, Ill.; Newark, Rochester, N. Y.; Springfield, Boston, Mass.; New York, N. Y. (Mar. 12-28, 1916).	To attend a meeting of the Granite State Dairymen's Association and deliver an address on a subject pertaining to the dairy industry. To investigate the qualifications of certain apprentices to cooperative cheese work. To instruct a new employee in his work and to inspect the possibilities of establishing the cheese industry in the mountains of South Carolina. To investigate cheese conditions in the States mentioned.	\$40.01 49.51 71.43 336.33 129.27
Dodge, C. O.	Assistant chemist.....	Chemistry.....	Pittsburgh, Pa.; Cincinnati, Dayton, Ohio; Chicago, Ill.; Newark, Rochester, N. Y.; Springfield, Boston, Mass.; New York, N. Y. (Mar. 12-28, 1916).	To conduct investigations of nonalcoholic flavoring products.	268.64
Dodge, L. G.	Agriculturist.....	Office of the Secretary (farm management). Farm management.	Wilmington, Del.; Onley, Va.; Pocomoke River, Chesapeake Bay, Md.; and points in Pennsylvania (July 29-Aug. 7, 1915). Office of Markets and Rural Organization.	To conduct farm management field studies with a view to improving the farm income.	64.45
Dorland, C. R.	Assistant in market grades and standards.	Springfield, W. Va.; Cumberland, Md. (Aug. 18-Sept. 1, 1915). Cleveland, Oak Harbor, Ohio; St. Joseph, Mich.; South Bend, Ind. (Sept. 3-20, 1915). Pittsburgh, Pa.; Chicago, Ill.; Chippewa Falls, Wis.; St. Paul, Minneapolis, Minn.; Fargo, N. Dak. (Sept. 25-Oct. 22, 1915). Memphis, Tenn.; Little Rock, Pine Bluff, Ark.; Fort Smith, Ark. (Nov. 27-Dec. 14, 1915). Pittsburgh, Pa. (Mar. 18-Apr. 6, 1916)	To investigate the grading, handling, packing, and shipping of potatoes and tomatoes in New Jersey and Virginia, and to investigate the possibilities of working up carload peach markets in the smaller cities of Pennsylvania, Ohio, and West Virginia. To study the picking, grading, packing, handling, and marketing of peaches. To investigate the grading, packing, and handling of peaches and other small fruit.	60.74 114.32 204.13 152.39 35.93

EXPENDITURES FOR TRAVEL, DEPARTMENT OF AGRICULTURE.

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Dorset, M.	Chief, Biochemic Division.	Animal Industry.....	To collect blood to be used in virus-serum work and do experimental work in disinfection of hides against anthrax.	7.75
Do.....	do.....	do.....	To investigate source of infection of foot-and-mouth disease reported as present in hog cholera serum.	100.00
Do.....	do.....	do.....	To gather information concerning the alleged infection of hog cholera serum.	85.04
Do.....	do.....	do.....	To investigate and to determine the proper disposition of antihog-cholera serum and hog-cholera virus supposed to be infected with foot-and-mouth disease.	77.11
Do.....	do.....	do.....	To attend a conference of the United States Livestock Sanitary Association regarding the eradication of foot-and-mouth disease.	48.89
Do.....	do.....	do.....	To investigate the methods of serum manufacture at Ames, Iowa Experimental Station.	21.15
Do.....	do.....	do.....	To make investigations concerning the concentration of antitoxine at the laboratories of the New York State Board of Health.	24.35
Do.....	do.....	do.....	To attend the annual conference of Indiana veterinarians on hog cholera at La Fayette, Ind., and to other points to supervise experiments relating to hog cholera now under way and to look into methods of conducting the inspection under the virus serum toxin act of 1913.	99.64
Do.....	do.....	do.....	To attend a meeting of inspectors engaged in the virus-serum control work, to observe tests of serum and vaccine and to supervise the treatment of serum so as to eliminate the possible danger of foot-and-mouth disease.	145.34
Do.....	do.....	do.....	To collect information concerning methods of producing and sterilizing antihog-cholera serum.	19.13
Do.....	do.....	do.....	To inspect work at the plant introduction field stations, and confer with authorities regarding the testing and distribution of newly introduced plants, seeds, bulbs, etc. in connection with the purchase and distribution of valuable seeds, and foreign seed and plant introduction.	527.07
Do.....	do.....	Plant Industry.....	To study local and direct marketing of live stock and meats, and method and conditions of handling animal products.	122.35
Dorsett, P. H.	Plant introducer	Plant introducer	To study the direct marketing of farm-prepared meat and other phases of local marketing of live stock and meat, including municipal abattoirs and local packing plant.	219.04
Doty, S. W.	Assistant in marketing live stock and meats.	Office of Markets and Rural Organization.....	To investigate cooperative live stock shipping associations, farmers' cooperative packing houses, and hog collecting stations.	142.84
Do.....	do.....	do.....	Chicago, Ill.; La Crosse, Wis.; St. Paul, Minn.; Detroit, Mich. (Nov. 26-Dec. 12, 1915).	142.84

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Duval, Laurel.....	Assistant.....		Plant Industry.....	Chicago, Ill. (Sept. 7-10, 1915).....	To confer with traffic managers, grain dealers, and others relative to grain storage in the United States, with special reference to the capacity of the Chicago market.	50.51
Do.....	do.....	do.....		Pearl, Chicago, Ill. (Oct. 9-17, 1915).....	To confer with grain dealers and handlers relative to methods of handling grain, including facilities for storage, in connection with grain standardization investigations.	85.70
Do.....	do.....	do.....		Chicago, Ill.; Toledo, Cleveland, Ohio; Detroit, Mich. (Feb. 21-Mar. 1, 1916); Sidney, Ohio; Indianapolis, Ind. (June 18-22, 1916).	To investigate methods of handling, grading, and transportation of grain.	98.00
Do.....	do.....	do.....		Chicago, Ill.; Omaha, Neb.; Oakland, San Francisco, Cal.; Portland, Pendleton, Oreg.; Tacoma, Seattle, Wash.; Vancouver, Canada; Moose Jaw, Winnipeg, Canada; Fargo, N. Dak.; St. Paul, Minneapolis, Minn. (Aug. 25-Sept. 26, 1915).	To confer with grain standardization officials in the field service, and make investigations in producing sections and terminal points relative to the handling, grading, and transportation of grain.	60.85
Duval, J. W. T.....	Technologist in charge of grain standardization.			Peoria, Ill.; Columbus, Ohio (Oct. 9-16, 1915).	To inspect work at the grain standardization laboratory in Chicago, and confer with grain dealers and dealers relative to methods of grading, handling, and the transportation of grain.	351.54
Do.....	do.....	do.....		Chicago, Ill. (Nov. 30-Dec. 4, 1915).....	do.....	81.74
Do.....	do.....	do.....		Chicago, Ill. (Mar. 7-10, 1916).....	do.....	62.75
Do.....	do.....	do.....		Decatur, Ill. (May 8-11, 1916).....	To inspect work at the grain standardization laboratory.	57.20
Do.....	do.....	do.....		St. Louis, Mo.; Little Rock, Ark.; Memphis, Tenn.; Atlanta, Ga.; Anderson, S. C.; Raleigh, N. C.; Norfolk, Va. (Oct. 17-28, 1915).	To investigate and demonstrate the official cotton standards of the United States and procure necessary cotton for this purpose.	60.25
Earle, D. E.....	Specialist in cotton classing.			New York, N. Y. (Dec. 15-18, 1915).....	To examine and select cotton for use in the preparation of the official cotton standards of the United States.	132.53
Do.....	do.....	do.....		New York, N. Y. (Dec. 15-18, 1916).....	do.....	31.00
Do.....	do.....	do.....		New York, N. Y. (Jan. 12-15, 1916); Points in Tennessee, Arkansas, Texas, Georgia, Virginia, North Carolina, and South Carolina (Mar. 11-Apr. 15, 1916).	To inspect and cancel, when necessary, the practical forms of the official cotton standards of the United States distributed to the different spot markets designated by the Secretary of Agriculture under the provisions of the United States cotton futures act, as well as those at the future markets.	27.65
Do.....	do.....	do.....		New York, N. Y. (May 14-25, 1916); Providence, R. I. (Aug. 16-31, 1915).....	To inspect and cancel, when necessary the practical forms of Official Cotton Standards of the United States.	328.38
Eberle, E. R.....	Engineer assistant.....			Office of Public Roads and Rural Engineering.....	To assist in construction of object-lesson road.....	14.95
Do.....	do.....	do.....		Animal Industry.....	To assist in construction of experimental road.	8.75
Eichorn, A.....	Chief Pathological Division.			Philadelphia, Pa. (July 16-18, 1915).....	To investigate a reported outbreak of foot-and-mouth disease.	20.65

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Eichorn, A.	Chief Pathological Division.	nimal industry	Oakland, Cal. (Aug. 23–Sept. 15, 1915), Chicago, Ill.	To attend the meeting of the American Veterinary Medical Association at Oakland, Cal., and to attend conference regarding eradication of foot-and-mouth disease at Chicago, Ill.	\$271.99
Do. ....	.....do.....	.....do.....	Philadelphia, Pa. (Sept. 23–25, 1915)	To attend conference relative to the eradication of foot-and-mouth disease.	14.90
Do. ....	.....do.....	.....do.....	New York N. Y.; Boston, Worcester, and Springfield, Mass. (Oct. 12–14, 1915); Clinton, Mich.; Chicago, Ill. (Nov. 27–Dec. 4, 1915).	To investigate an outbreak of foot-and-mouth disease.	36.40
Do. ....	.....do.....	.....do.....	Kansas City, Mo. (Jan. 3–8, 1916)	To attend a meeting of the Kansas State Veterinary Association and deliver an address on immunization tests in anthrax.	56.72
Do. ....	.....do.....	.....do.....	Coudersport, Williamsport, Pa. (Jan. 29–Feb. 3, 1916).	To conclude arrangements for disinfection of imported hides and for investigation of anthrax in tanneries.	87.65
Do. ....	.....do.....	.....do.....	Cincinnati, Ohio (Fe ^r . 11–14, 1916)	To investigate a reported outbreak of foot-and-mouth disease.	42.38
Do. ....	.....do.....	.....do.....	Richmond, Va. (Mar. 12–13, 1916)	To confer with State authorities with regard to the danger of glanders from horses which are being shipped from Newport News, Va., to Europe.	12.50
Do. ....	.....do.....	.....do.....	Kansas City, Mo.; Chicago, Ill.; Indianapolis, Ind. (Apr. 11–19, 1916).	To attend the meeting of inspectors, supervising the manufacture of hog cholera serum, and inspection of laboratories manufacturing veterinary biological products.	107.08
Do. ....	.....do.....	.....do.....	Boston, Mass. (Apr. 25–27, 1916)	To attend the Massachusetts State Veterinary Medical Association and to deliver an address on immunization and experiments in anthrax.	35.50
Eldridge, M. O.	Assistant in road economics.	Office of Public Roads and Rural Engineering.	San Francisco and points in California (July 1–Aug. 28, 1915).	To give lectures, take traffic census, and supervise field work.	124.50
Do. ....	.....do.....	.....do.....	Bluffield, W. Va. (Oct. 14–15, 1915)	To make economic study of county system of highway ways.	20.78
Do. ....	.....do.....	.....do.....	Wise and Lee Counties, Va. (Oct. 16–19, 1915).	.....do.....	39.28
Do. ....	.....do.....	.....do.....	Mordian, Miss (Selma, Birmingham, Ala. (Nov. 13–20, 1915).	.....do.....	75.78
Do. ....	.....do.....	.....do.....	Points in Virginia (Dec. 13–23, 1915).	.....do.....	94.30
Do. ....	.....do.....	.....do.....	Points in Florida (Feb. 18–21, 1916)	Togather statistics on road mileage, revenues, and expenditures.	118.37

Do.....	do.....	Points in Michigan (May 8-13, 1916).....	To give advice and lectures and to demonstrate road and bridge models.	67.07
Ellenberger, W. P.....	Veterinary inspector.....	Animal Industry Toledo, Cleveland, Fostoria, Ohio, (July 16-Aug. 5, 1915).	To assist in investigations regarding the handling of live stock to ascertain the necessity for maintaining inspection at those points.	43.15
Elliott, F. L.....	Assistant chemist.....	Chemistry New Orleans, La. (Nov. 24-26, 1915).	To be permanently assigned to the New Orleans laboratory.	36.30
Ellison, A. D.....	Scientific assistant.....	Plant Industry Ithaca, N. Y. (July 11-15, 1915).	To inspect cereal crops and consult officials of the Cornell Experiment Station concerning threshing machinery in connection with cereal investigations.	34.21
Emery, W. O.....	Chemist in charge, synthetic products laboratory.	Chemistry Atlanta, Columbus, Ga. (Dec. 5-10, 1915).	To appear as a witness in a case reported for prosecution.	58.52
Engels, G. E.....	Assistant in marketing surveys.	Office of Markets and Rural Organization. Chemistry Buffalo, New York, N. Y. (Mar. 21-Apr. 30, 1916).	To make a special study of the handling of perishable fruits and vegetables and of the daily receipts and prices of such products on the Buffalo and New York markets in connection with the market news service of this office.	162.37
Ervin, Guy.....	Clerk.....	Office of Public Roads and Rural Engineering. do.....	To assist in planning new irrigation projects.....	87.88
Do.....	do.....	do.....	To investigate use of water in farm irrigation.....	67.03
Do.....	do.....	do.....	To assist in planning new projects in farm irrigation.	60.36
Do.....	do.....	do.....	To investigate use of water in farm irrigation.....	40.92
Etherton, W. A.....	Farm architect.....	Office of Markets and Rural Organizations. do.....	To inspect buildings erected from plans prepared by this office.	91.25
Evans, A. M.....	Investigator in women's rural organizations.	do.....	To make studies of cooperation and other organizations effort among rural families and communities, with a view to providing a basis for a broader utilization of such effort with special reference to social and educational activities.	49.74
Do.....	do.....	do.....	To study the possibilities of increasing the usefulness of county and community fairs, and other forms of rural cooperation, especially social and educational activities.	96.72
Do.....	do.....	New York, Pawling, N. Y. (Aug. 11-16, 1915).	To investigate and study organized activities of rural women in the localities mentioned.	40.69
Do.....	do.....	New York, Poughkeepsie, Albany, Watertown, N. Y. (Oct. 7-19, 1915).	To investigate and study rural relations and activities of the Federated Women's Clubs of the United States and other national women's organizations having headquarters in the localities mentioned, and to interview persons directly interested in promoting and extending rural cooperative efforts on the part of these organizations.	89.56

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Evans, A. M	Investigator in women's rural organizations.	Office of Markets and Rural Organizations.	New York, N. Y.; Montclair, Jersey City, N. J.; Hudson, Albany, N. Y.; Boston, Mass.; Providence, R. I., Baltimore, Md. (Nov. 2-23, 1915).	To gather information in connection with survey work of women's rural organization activities.	\$135.35
Do	do	do	Jackson, Nashville, Tenn. (Jan. 21-Feb. 7, 1916).	To make a survey of women's rural organizations, with a view of ascertaining what has been accomplished, and plans for future activities in such organizations.	103.63
Do	do	do	New York, N. Y. (May 28-June 1, 1916)....	To attend biennial convention of the General Federation of Women's Clubs, and deliver address before Home Economic Section.	40.40
Do	do	do	Points in Iowa, Mo., Kansas, and Indiana (June 10-30, 1916).	To interview the president of the States Federation of Women's Clubs, chairman, Education Department, Iowa State Federation, and visit local rural federation presidents in order to inquire into form of organization, progress, baby contests, etc.	205.81
Evans, H. P.....	Student assistant.	Animal Industry.	Bethesda, Md. (May 2, 1916)....	To assist in blackleg investigations.	18.18
Evans, J. A.....	Agricultural tourist and assistant chief office of extension work in South.	States Relations Service.	Starkville, Jackson, Corinth, Miss.; Stillwater, Tulsa, Oklahoma City, Okla.; College Station, Fort Worth, Tex.; Little Rock, Fayetteville, Fort Smith, Ark. (July 11-30, 1915).	To confer with officials of State agricultural colleges in relation to their extension work and with State agents in relation to the conduct of farmers' cooperative demonstration work.	193.53
Do	do	do	Murphy, Asheville, Andrews, Raleigh, N. C. (Aug. 18-25, 1915).	To confer with farmers and business men and explain the purposes and results of farmers' cooperative demonstration work; and to instruct North Carolina agents in the policies and routine covering work.	55.64
Do	do	do	Atlanta, Macon, Dawson, Americus, Ga. (Oct. 2-15, 1915)....	To confer with State officials, extension-work directors, and department agents in relation to the progress and conduct of farmers' cooperative demonstration work.	87.73
Do	do	do	St. Louis, Mo. (Nov. 13-22, 1915)....	To confer with State agents in relation to conduct and progress of county agent work and plans for future work.	81.45
Do	do	do	Clemson College, Rock Hill, S. C. (Jan. 26-29, 1916).	To confer with and instruct State agents and to confer with district and county agents in relation to the conduct of and plans for farmers' cooperative demonstration in the South.	42.08
Do	do	do	Jesup, Douglas, Pearson, Cairo, Ga.; Daytona, Jacksonville, Miami, Gainesville, Fla. (Mar. 22-Apr. 8, 1916).	To confer with county and State agents in relation to conduct of farmers' cooperative demonstration work; address State Bankers' Convention at Daytona on the conduct and results of such work; and address various gatherings of farmers on the control of the boll weevil.	133.81

			139.22
Do.....	do.....	To confer with district and county agents in relation to their work; and address meetings of the agents on the boll weevil.	51.90
Do.....	do.....	To confer with county agents and others in relation to conduct of farmers' cooperative demonstration work.	14.75
Evans, L. H.....	Scientific assistant....	To appear as witness in a case reported for prosecution under the insecticide act of 1910.	99.88
Evans, Dr. Walter H.....	Chief division of institutional stations.	To confer with State officials of colleges and experiment stations in relation to their work.	216.11
Do.....	do.....		
Evans, W. L.....	Insecticide and Fungicide Board. States Relations Service.	To assist in conducting an experimental market news service for perishable crops, especially cantaloupes, at Rocky Ford, Colo., and confer with the market news reporters at several points en route.	221.32
Ewing, C. O.....	Clerk.....	To study the methods of cleaning and drying crude drugs.	3.50
Fagan, M. E.....	Assistant chemist.....	To attend meeting of district foresters and to discuss fiscal matters and certain proposed changes in accounting forms and in the method of handling them.	211.60
Do.....	do.....	To take charge of accounts work temporarily during the illness of the regular district fiscal agent.	291.15
Fairchild, David.....	Agricultural explorer.	To confer with authorities of the Arnold arboretum concerning further exploration work in China, and to examine experiments being conducted with new plant introductions distributed by the Office of Foreign Seed and Plant Introduction.	47.82
Do.....	do.....	To inspect Canadian experiment stations and farms, and study their methods of hardy-plant breeding and secure new strains of hardy plants; inspect experimenters and confer with cooperators and others relative to testing newly introduced seeds and plants.	512.93
Farrar, S. K.....	Junior bacteriologist..	To confer with cooperators who are experimenting with new plant introductions, and to inspect work at the plant introduction field stations.	194.22
		To assist in the investigation of the packing, handling, storing, and shipping of oysters and other shellfish in the United States and the waters bordering on the United States.	4.35

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916.—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Farrar, S. K.	Junior bacteriologist ..	Chemistry	Annapolis, Md. (Jan. 17, 1916).....	To assist in the investigation of the packing, handling, storing, and shipping of oysters and other shellfish in the United States and the waters bordering on the United States.	\$5.70
Do.	do	do	Annapolis, Md. (Jan. 28, 1916).....	do	4.43
Do.	do	do	Bethsville, Md. (Jan. 27, 1916).....	do	7.74
Do.	do	do	Annapolis, Md. (Feb. 7, 1916).....	To assist in the examination of milk samples	3.20
Do.	do	do	Annapolis, Md. (Feb. 28, 1916).....	To assist in the investigation of the packing, handling, storing, and shipping of oysters and other shellfish in the United States and the waters bordering on the United States.	3.05
Do.	do	do	Hampton, Newport News, Va. (Apr. 26-30, 1916).....	do	20.65
Do.	do	do	Hampton, Va. (May 1-15, 1916).....	do	42.10
Do.	do	do	Hampton, Va. (May 16-29, 1916).....	do	44.71
Do.	do	do	New Brunswick, N.J.; Philadelphia, Pa.; Tuckerton, Red Bank, Keyport, Absecon, Atlantic City, N.J. (June 1-30, 1916); Waretsha, Hudson, Wis.; Huntley, Mocasin, Great Falls, Bozeman, Mont.; Laramie, Powell, Wyo.; Pullman, North Yakima, Wash.; Hermiston, Oreg.; Caldwell, Rupert, Idaho; Fort Collins, Colo.; Mitchell, Nebr. (Aug. 10-Sept. 17, 1915); Lawton, Altus, Okla.; Roswell, Artesia, Carlsbad, N.Mex.; Sacaton, Mesa, Yuma, Ariz.; Bard, El Centro, San Diego, Chula Vista, Cal.; El Paso, San Antonio, Bourne, Tex. (Oct. 13-Nov. 2, 1915).	To confer with officials of experiment stations, the United States Reclamation Service, and others, regarding various phases of the agricultural development of the Government reclamation projects.	121.10
Farrell, F. D.	Agriculturist in charge demonstrations on reclamation projects.	Plant Industry	Denver, Montrose, Grand Junction, Colo.; Salt Lake City, Brigham, Utah, Fallon, Reno, Nev.; Klamath Falls, Ore.; North Yakima, Pullman, Wash.; Hermiston, Portland, Oreg.; Powell, Wyo.; Huntley, Mont.; Deadwood, Hot Springs, Newell's, Dak. (Apr. 21-June 13, 1916); Fort Collins, Greeley, Colo.; Cheyenne, Laramie, Worland, Wyo.; Omaha, Lincoln, Nebr.; Chicago, Ill. (July 1-31, 1915); Philadelphia, West Chester, Pa.; Bridgeport, N.J.; Worcester, Mass., New York, N.Y. (Aug. 17-21, 1915).	To confer with State leaders in relation to the organization and conduct of boys' and girls' club work and to supervise and conduct demonstrations.	295.66
Do.	do	do	do	do	414.63
Farrell, George E.	Assistant in boys' and girls' agricultural club work.	States Relations Service.			56.12
Do.	do	do	do	do	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Fisher, A. K.	In charge, economic investigations.	Biological Survey	Newcastle, Wyo. (July 1-3, 1915). (Trip began during previous fiscal year.)	To study conditions in connection with the control of noxious animals; review work of field parties; and confer with officials and individuals of live stock and other associations with whom the bureau may desire to cooperate.	\$60.56
Do.	do.	do.	Salt Lake City, Utah; Denver, Colo. (Jan. 23-Feb. 7, 1916).	To attend a conference called by the Public Health Service for the purpose of taking up with various boards of health the problem of rabies among coyotes and dogs.	169.25
Do.	do.	do.	New York, N. Y. (Mar. 5-9, 1916).....	To attend the second national conference on American game breeding and preserving.	25.00
Fisher, O. S.	Specialist in scientific and practical agriculture.	Office of the Secretary.	Champaign, Chicago, Ill. (Aug. 6-13, 1915).	To confer with officers of the agricultural experiment stations and practical farmers regarding the work of the Animal Industry.	67.78
Do.	do.	do.	Philadelphia, Pa.; Baltimore, Md.; State College, Blossom Hill, Hens Lane, Lancaster, Millerstown, Tyrone, Lamont, Pa. (Aug. 24-Sept. 3, 1915).	To visit farms and experiment stations to obtain data for use in the department.	67.30
Do.	do.	do.	Champaign, Chicago, Cheoah, Peoria, Rochelle, Rockford, Freeport, Ill. (Sept. 16-Oct. 7, 1915).	To confer with officials of experiment stations and practical farmers concerning the work of the Bureau of Animal Industry, and obtain data regarding eradication of foot-and-mouth disease.	195.10
Do.	do.	do.	Frederick, Md. (Oct. 27-30, 1915).....	To confer with practical farmer, and others concerning the work of the Bureau of Animal Industry.	14.49
Do.	do.	do.	St. Louis Mo.; Bloomington, Champaign, Ill. (Nov. 11-24, 1915).	To confer with officials of the experiment stations and practical farmers concerning the work of the Bureau of Animal Industry, and to secure data regarding the eradication of foot-and-mouth disease.	111.96
Do.	do.	do.	Auburn, Chicago, Champaign, Bloomington, Ill.; Bowling Green, St. Louis, Warrensburg, Kansas City, Mo.; Moran, Kansas. (June 7-23, 1916).	To confer with officials of experiment stations and practical farmers concerning the work of the Bureau of Animal Industry, and to secure data regarding the eradication of hog cholera.	160.07
Fisher, J. W.	Assistant in market surveys.	Office of Markets and Rural Organization.	Chicago, Ill.; Milwaukee, Wis.; points in Washington, California, Montana (July 24-Oct. 13, 1915).	To perfect arrangements pertaining to the inauguration of a market news service on various perishable farm products.	507.50
Do.	do.	do.	Points in Pennsylvania; Ohio; Chicago, Ill.; Milwaukee, Wis.; Minneapolis, Minn.; Albany, New York, N. Y.; Boston, Mass. (June 1-28, 1916).	To coordinate work of branch offices; perfect rental arrangements, and other branch office business connected with the market news service on farm products.	199.86
Fisher, W. S.	Specialist in forest entomology	Entomology	Harrisburg, Pa. (July 26-Aug. 11, 1915)....	To continue investigations on hickory insects, with special reference to the hickory bark beetle.	27.42

Do.....	do.....	To study the hickory barkbeetle.
Do.....	do.....	do.....
Do.....	do.....	do.....
Fletcher, C. C.....	Soils.....	To obtain data showing how stable manure produced in the large cities is distributed and used in the surrounding agricultural regions.
Flohr, L. B.....	Office of Markets and Rural Organization.	To confer with farmers and others on marketing by parcel post and express direct from producer to consumer and to deliver an illustrated lecture on marketing by parcel post at the Annual Convention of the Virginia Rural Letter Carrier's Association.
Do.....	do.....	To place an exhibit and conduct a demonstration in connection with marketing by parcel post and express at the State meeting of the women county demonstration agents and to confer with farmers and others on marketing farm products direct from producer to consumer by parcel post and express.
Do.....	do.....	To investigate the marketing of butter and other produce by parcel post and to confer with farmers and others in regard to marketing produce direct from producer to consumer by parcel post and express.
Do.....	do.....	To make an address before the New Castle Farm Bureau on marketing farm produce by parcel post and to confer with farmers and others on marketing farm produce direct from producer to consumer by parcel post and express.
Do.....	do.....	To attend State meeting of women county agents at Little Rock and address extension workers short course at Nashville, Tenn.
Do.....	do.....	To demonstrate the practical utility of parcel post and express in the marketing of farm products to consumers before State and county meetings of women county agents and extension workers; to deliver addresses on the subject of marketing by parcel post and express, and confer with farmers and others regarding direct marketing of farm produce by parcel post and express.
Do.....	do.....	To address the women county agents and extension workers on marketing farm produce by parcel post and express.
Do.....	do.....	To demonstrate the practical utility of parcel post and express in the marketing of farm products, from the producer to the consumer, before the State meeting of the women county agents and extension workers, to deliver an address on the subject of marketing by parcel post and express, and confer with farmers and others regarding direct marketing of farm products by parcel post and express.

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Flohr, L. B.	Investigator in marketing by parcel post.	Office of Markets and Rural Organization.	Pittsburgh, Pa.; Rock Hill, S. C. (June 25-30, 1916).	To observe the progress of the parcel post demonstration work being conducted by this office by John W. Law at Pittsburgh and address the meeting of the short course for the prize winners in the home demonstration work at Rock Hill, S. C. To hold a field conference and make a farm survey of 300 farms in Frederick County, Md.	\$25.40 12.90 751.22
Fluharty, L. W.	Assistant agriculturist.	Office of the Secretary (farm management). Office of Public Roads and Rural Engineering.	Frederick, Md. (Oct. 25-30, 1915). Points in Colorado, Nebraska, Wyoming, Montana, Kansas, Utah, Idaho, Nevada, California (July 2-Sept. 21, 1915). Points in Illinois, Colorado, Idaho, Utah (Apr. 27-June 30, 1916). Bethesda, Md.; Vienna, Va.; (Oct. 14, 1915-June 30, 1916). Various trips. St. Louis, Mo.; Oklahoma City, Okla.; points in Texas, Alabama, Georgia, Tennessee, North Carolina, and Norfolk, Va. (May 11-June 22, 1916).	To assist in experiments conducted at Government experimental stations. To examine and select types of cotton representing the Official Cotton Standards of the United States to be used in spinning test, to determine the waste, etc., of different grades and classes of cotton. To inspect Weather Bureau stations.....	252.72 9.06 335.70
Fortier, Samuel.	Chief of irrigation investigations.	Animal Industry.....	do.....	.....
Do.	do.	Office of Markets and Rural Organization.	Elkins, Parkersburg, W. Va.; Columbus, Dayton, Cincinnati, Ohio; Knoxville, Chattanooga, Tenn.; Richmond, Lynchburg, Wytheville, Va.; Raleigh, N. C. (Nov. 3-Dec. 9, 1915). Philadelphia, Pa.; Dayton, Columbus, Ohio; Indianapolis, Ind.; St. Louis, Mo.; Providence, R. I.; New Haven, Conn. (Apr. 6-20, 1916). Norfolk, Va.; Wilmington, Del.; Woods-town, N. J.; Philadelphia, Pa.; Berlin, Md.; New York, N. Y.; Morristown, Minn.; Caledonia, Mich.; and other points in the States named (July 1-Sept. 25, 1915). Asheville, N. C.; Woodstock, Va.; and points in Maryland (July 10-Sept. 30, 1915). Chicago, Ill. (Jan. 23-28, 1916). do.....	To confer with traction officials relative to street and ice data. To make a survey for powdery scab of potato.....	137.89
Frankenfield, H. C.	Professor of meteorology.	Federal Horticultural Board.	do.....	.....	505.85
Frey, Charles N.	Assistant pathological inspector.	Forest Service.....	Forest Service.....	.....	422.61
Frothingham, E. H.	Forest examiner.	Division of Accounts and Disbursements.	Division of Accounts and Disbursements.	.....	69.60
Fuchs, W. B.	Deputy disbursing clerk.	States Relations Service vice.	States Relations Service vice.	.....	108.71
Fuller, H. B.	Agriculturist.	do.....	do.....	do.....	

		85.33
Do	do	To confer with department and State leaders and county agents in connection with the organization, direction, and supervision of farmers' cooperative demonstration and agricultural extension work in central States.
Do	do	48.50
Do	do	To confer with State and county leaders in connection with the organization, direction, and supervision of farmers' cooperative demonstration and agricultural work in central States.
Do	do	118.99
Do	do	To confer with department and State leaders and county agents in connection with the organization, direction, and supervision of farmers' cooperative demonstration and agricultural work in central States.
Do	do	97.96
Do	do	To confer with State leaders of the service in relation to organization, progress, and results of farmers' cooperative demonstration work
Do	do	102.32
Do	do	To confer with State leaders and county agents in relation to the organization, direction, and supervision of farmers' cooperative demonstration and agricultural extension work in the Central States.
Do	do	142.24
Do	do	To confer with State leaders and county agents in relation to the progress and results of farmers' cooperative demonstration work in North and West and plans for future work.
Do	do	127.98
Do	do	To confer with county agents and extension workers in relation to the organization, extent, and conduct of farmers' cooperative demonstration work in the Northern and Western States.
Do	do	189.09
Do	do	do
Do	do	80.87
Do	do	To confer with State leaders and county agents in relation to the conduct and progress of farmers' cooperative demonstration work.
Do	do	do
Do	do	30.18
Fulton, H. R.	Plant industry	163.97
Fulton, H. R.	Pathologist	To investigate citrus and subtropical fruit diseases and study methods for their control.
Do	do	do
Funk, W. C.	Office of the Secretary (farm management).	69.92
Funk, W. C.	Scientific assistant	113.55
		To collect data from families relative to garden products raised for home consumption and to gain an idea of the income from such sources.

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Funk, W. C.	Scientific assistant....	Office of the Secretary (farm management), .....do.....	New Haven, Hartford, Conn.; Providence, R. I.; Worcester, Springfield, Mass.; Rochester, Ithaca, N. Y. (Oct. 4-17, 1915). .....do.....	To collect data from families relative to garden products raised for home consumption and to gain an idea of the income from such sources. To study the income derived from small farms and holdings. ....do.....	\$118.62 114.46 29.50
Do .....	.....do.....	.....do.....	Mass. (Oct. 30-Nov. 18, 1915). Charlotte, N. C.; Greenville, S. C.; Bir- mingham, Ala.; Chattanooga, Tenn. (Feb. 6-19, 1916).	.....do.....	.....
Do .....	.....do.....	.....do.....	Raleigh, Charlotte, Lincolnton, Forest City, N. C.; Spartanburg, Greenville, Paler, S. C. (Apr. 3-June 6, 1916). Fayetteville, N. C.; Greenwood, Green- ville, S. C. (June 21-30, 1916).	To study the income derived from small farms and holdings in connection with farm economics. To investigate the economic status of the European starling and conduct experiments for its control.	79.42 235.85
Do .....	.....do.....	.....do.....	South Haven, Hartford, Conn.; Springfield, Mass.; Warren, R. I.; and various other points in the States named (Apr. 4-June 30, 1916). New York, N. Y. (July 1-Oct. 4, 1915).	To perfect arrangements pertaining to the inaugura- tion of a market news service by the collection and distribution in New York and vicinity of daily information on the movements and prices of farm products. To interview railroad officials and dealers in refer- ence to the ear-lot arrivals and diversions of vari- ous perishable crops, particularly strawberries, tomatoes, cantaloupes, and peaches.	385.71 234.01
Gabrielson, I. N.	Assistant in economic ornithology.	Office of Markets and Rural Organization.	Baltimore, Md.; Philadelphia, Pa. (Mar. 18-May 10, 1916).	To make a special study of the handling of perish- able fruits and vegetables and of the daily re- ceipts and prices of such products on the Phila- delphia market, in connection with market news service of this office.	165.68
Gail, A. Dexter, Jr.	Assistant in market surveys.	.....do.....	West Philadelphia, Philadelphia, Pa.; New York, N. Y.; Boston, Mass.; Port- land, Me. (Nov. 27, 1915-Jan. 11, 1916).	To investigate a reported outbreak of a disease among hogs.	5.62
Do .....	.....do.....	.....do.....	Baltimore, Md.; Philadelphia, Pa. (Mar. 18-May 10, 1916).	To investigate a reported disease of cattle, To assist in eradicating foot-and-mouth disease....	2.60 73.29
Gallagher, B. A.	Bacteriologist.	Animal Industry....	Hagerstown, Md. (Sept. 14, 1915).	To assist in cooperative tuberculosis investigations and tuberculin testing of cattle.	429.98
To .....	.....do.....	.....do.....	Warrenton, Va. (Nov. 26, 1915).	To attend the seventeenth annual school for health officers and to deliver an address on milk super- vision and its control.	41.88
Gallagher, Francis L.	Veterinary inspector.	.....do.....	Points in the State of Illinois (July 1-17, 1915). Points in Maryland and Virginia in the vicinity of the 1 district of Columbia (July 26, 1915-June 30, 1916). Burlington, Vt. (July 15-17, 1915). ....	.....	.....
Gamble, J. A.	Milk specialist.	.....do.....	.....	.....	.....

Do	do	To score milk at the milk show held in connection with the meeting of the State dairymen's association.	6.54
Do	do	To deliver an address on the sanitary production of milk and care of milk in the home to the dairy-men and consumers.	1.15
Do	do	To assist in the improvement of the milk supply and give illustrated lecture on sanitary milk production.	73.56
Do	do	To attend a meeting at Hartford, Conn., of the Connecticut Dairymen's Association, for the purpose of scoring milk and cream rendered in competition at this meeting; to the Massachusetts Agricultural College, Amherst, Mass., to compile data on score cards and entry blanks of milk samples taken at various milk shows held in that State since 1911, and to other points in Massachusetts to assist local authorities in the improvement of their milk supply.	109.63
Do	do	To give an illustrated lecture on sanitary milk production to short-course students at the Maryland Agricultural College.	1.04
H. Doc. 1440, 64-2—5		At Champaign, Ill., to confer with dairy authorities at the University of Illinois; Chicago, Ill., to attend a meeting of the Woman's National Agricultural and Horticultural Association, and deliver an address on milk supervision and its control, and at other points in Illinois, Indiana, and Pennsylvania for the purpose of scoring dairies with which the bureau is carrying on cooperative work in connection with the cost of milk and to collect data in connection with dairy-farm inspection.	102.08
Market milk specialist, Animal Industry	College Park, Md. (Feb. 25, 1916).	Points in Massachusetts, Rhode Island, and Connecticut (June 21-30, 1916).	55.99
Do	do	Henderson, Oxford, N. C. (July 1-19, 1915).	26.43
Do	do	Upper Marlboro, Md.; Chase City, Va.; Oxford, N. C. (July 23-29, 1915).	20.03
Do	do	Landsville, Look Haven, Ephrata, Pa. (Aug. 6-15, 1915).	24.06
Do	do	Hartford, Windsor, Tariffville, Suffield, Meriden, Conn. (Aug. 19-Sept. 2, 1915).	39.24
Do	do	Clarksville, Tenn.; Milton, W. Va. (Sept. 7-12, 1915).	62.64
Do	do	Oxford, N. C. (Jan. 9-13, Mar. 6-10, 1916).	48.98

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Gary, Katie F.	Assistant.....	Plant Industry.....	Baltimore, Md. (Apr. 7, 1916).	To secure data relative to purchase of supplies to be used in connection with the enforcement of the seed-in-potation act.	\$1.60
Gates, O. H.	Law clerk.....	Office of the Secretary.	New York, N. Y. (Dec. 2-4, 1915).	To confer with United States attorney relative to cases reported for prosecution under the insecticide act of 1910.	22.30
Do.	do	do	Trenton, N. J. (Feb. 22-23, 1916).	To assist the United States attorney in a case reported for prosecution under the insecticide act of 1910.	16.55
Gibbs, H. D.	Assistant chief, eastern district.	Chemistry.....	Philadelphia, Pa.; New York, N. Y. (July 6-10, 1915).	To study methods, conduct investigations, and assist in the food and drug inspection work in connection with the enforcement of the food and drugs act.	29.05
Do.	do	do	Perryman, Md. (Sept. 21, 1915).	To inspect tomato and corn canneries for general information in connection with the enforcement of the food and drugs act.	6.41
Do.	do	do	New York, N. Y. (Oct. 21-23, 1915).	To study methods, conduct investigations, and assist in the food and drug inspection work in connection with the enforcement of the food and drugs act.	19.05
Do.	do	do	New York, Ithaca, Buffalo, N. Y.; Cleveland, Ohio (Dec. 1-9, 1915);	do	71.68
Do.	do	do	Clay City, Lexington, Ky.; Cincinnati, Ohio; Detroit, Saginaw, Mich.; Rochester, Buffalo, Albany, New York, N. Y.; Boston, Lawrence, Lowell, Mass.; Newark, N. J. (Mar. 28-Apr. 8, 1916).	do	129.98
Do.	do	do	Bristol, Kingsport, Tenn.; Padford, Va.; Kenova, Huntington, Charleston, W. Va.; Pittsburgh, Pa.; New York, N. Y. (Apr. 26-May 5, 1916).	do	94.92
Gilbert, J. C.	Assistant in market surveys.	Office of Markets and Rural Organization.	Baltimore, Md. (Aug. 18-20, 1915).	To investigate the handling and marketing of perishables, especially peaches and cantaloupes, as related to the experimental market news service, and to consult Mr. J. E. Griffith in reference to the daily reports being furnished by him to this office.	8.90
Do.	do	do	do	To make a study of the box-apple industry, particularly the grading, packing, and handling methods, together with dates and methods of shipment, community or cooperative packing houses, and distribution among various markets of the United States.	624.33

Do.....	do.....	New York, N. Y.; Boston, Mass. (Mar. 18-May 20, 1916).	To make a special study of the handling of perishable fruits and vegetables and of the market receipts and prices of such products on the markets of Boston and neighboring cities in connection with market news service of this office, also to prepare data on aptile movement for publication and discuss details of branch office work.	240.06
Gilbertson, H. W.....	Pathologist.....	Pittsburgh, Pa. (Jan. 4-7, 1916).....	To confer with State officials and others relative to cooperative work on cucumber diseases, in connection with cotton and truck disease investigations.	23.25
Do.....	do.....	Norfolk, Va., and vicinity (Nov. 12-14, 1915).	To investigate cucumber diseases.....	11.20
Giltner, L. T.....	Assistant agriculturist.....	San Francisco, Berkeley, Davis, Sacramento, Oakland, Stockton, Los Angeles, Cal.; Spokane, Seattle, Pullman, Wash.; Missoula, Bozeman, Helena, Mont.; Minneapolis, Minn.; St. Louis, Mo.; Chicago, Ill. (Aug. 29-Nov. 20, 1915). Trinidad, Colo. (Mar. 23-Apr. 30, 1916). Winchester, Va. (July 27-28, 1915).....	To inspect farmers' cooperative demonstration work; to confer with State and county leaders in relation to progress made and plans for future work, and to make a study of the California plan of county agent and farm advisory work.	564.05
Do.....	do.....	Fort Collins, Glenwood Springs, Denver, Wadesville, Va. (Aug. 10, 1915). Martinsburg, W. Va. (Oct. 27-28, 1915). Popes Creek, Md.; Nell, Va. (Feb. 15-17, 1916). Beltsville, Md. (Mar. 20-23, 1916).....	To confer with State and department officials in relation to the conduct of demonstration work. To investigate an alleged outbreak of dourine in horses in the vicinity of Winchester, Va. To investigate a reported outbreak of disease in swine.	307.48
Do.....	Veterinary inspector ..	Animal Industry.....	To investigate an alleged outbreak of foot-and-mouth disease.	6.65
Do.....	do.....	do.....	To investigate a reported outbreak of disease among horses.	4.72
Do.....	do.....	do.....	To examine animals at United States experimental farm.	.73
Do.....	do.....	do.....	do.....	.55
Glover, M. W.....	Medical expert.....	Chemistry.....	To confer with district officials in regard to making inspections, collecting samples and other necessary work in connection with the enforcement of the food and drugs act.	1.46
Goddard, L. H.	Agriculturist in charge.	States Relations Service.	To confer with State officials regarding cooperative demonstrations and to inspect and supervise work in progress.	84.20
Do.....	do.....	do.....	do.....	309.00
Do.....	do.....	do.....	To confer with State and department officials in relation to conduct of farm management demonstrations and inspect work in progress.	61.38

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Goddard, L. H.	Agriculturist in charge.	States' Relations Service.	Frederick, Md. (Oct. 27-28, 1915).....	To attend surveys in farm management demonstration work and to confer with practical farmers.	\$6.49
Do.....	.....do.....	.....do.....	Ithaca, N. Y. (Nov. 7-8, 1915).....	To confer with State and department officials regarding cooperative farm management demonstrations in New York.	29.81
Do.....	.....do.....	.....do.....	St. Louis, Mo. (Nov. 11-16, 1915).....	To confer with farm management demonstrators at annual conference of State leaders in farmers' cooperative demonstration work.	80.95
Do.....	.....do.....	.....do.....	Kingston, R. I.; Amherst, Mass. (Dec. 12-19, 1915).	To examine demonstration work and to confer with State leaders in relation to their work.	58.80
Do.....	.....do.....	.....do.....	Cortland, Burton, Wooster, Columbus, Ohio (Dec. 23, 1915-Jan. 4, 1916).	To confer with county agents and State extension leaders regarding farm management demonstration work.	50.96
Do.....	.....do.....	.....do.....	Madison, Wis. (Jan. 29-Feb. 14, 1916).	To examine farm management work and to confer with officials regarding plans for future.	83.16
Do.....	.....do.....	.....do.....	St. Paul, Minn.; Brookings, S. Dak.; Lincoln, Nebr.; Manhattan, Kans.; Urbana, Ill.; Columbus, Ohio (Feb. 26-Mar. 30, 1916).	To confer with extension leaders regarding farm management demonstration work.	214.25
Do.....	.....do.....	.....do.....	Orono, Me.; Durham, N. H.; Burlington, Vt. (Apr. 15-23, 1916).	To confer with State extension leaders in regard to their work.	85.16
Do.....	.....do.....	.....do.....	Lansing, Mich.; Lafayette, Ind. (May 6-16, 1916).	To confer with State extension leaders in regard to farm management demonstration work.	80.51
Goergens, G. R.	Photographer.	Division of Publications.	Beltsville, Md. (July 5, 1915).....	To assist in making motion-picture films of poultry.	.38
Do.....	.....do.....	.....do.....	New York, N. Y.; Boston, Lowell, Mass.; Beltsville, Md. (Nov. 14, 1915-Mar. 17, 1916).	To travel in Massachusetts for the purpose of making picture films of the process of manufacturing woolen goods. To Beltsville, Md., to secure photographs of the animals at the United States Experimental Farm.	79.58
Do.....	.....do.....	.....do.....	Boston, Lowell, Mass. (Apr. 5-26, 1916).....	To make a motion-picture film of the various processes necessary in the manufacture of yarn and cloth from the various grades and classes of cotton, and especially of the work being conducted in determining the waste, tensile strength, and relative spinning quality of the different grades of cotton.	112.50
Do.....	.....do.....	.....do.....	Charlotte, Rockhill, Greenville, S. C; Savannah, Ga.; points in Alabama, Louisiana, and Mississippi (May 11-June 8, 1916).	To start a motion picture of various processes of the cotton industry from time seed is sown in ground to harvesting of crop.	222.85

Do.....	do.....	Boston, Mass., and other points in the New England States (June 19-30, 1916). Philadelphia, Pa. (Sept. 30-Oct. 1, 1915)....	To make pictures of the different phases of the gipsy moth and brown-tail moth work carried on by the Bureau of Entomology in those States. To investigate concrete in road construction.....	65.95
Goldbeck, A. T.....	Engineer of tests.....	Office of Public Roads and Rural Engineering.....	9.15	
Do.....	do.....	Philadelphia, Pa. (Oct. 27-28, 1915).....	do.....	16.60
Do.....	do.....	Philadelphia, Pa. (Jan. 20-21, 1916).....	do.....	17.40
Do.....	do.....	Philadelphia, Pa. (Jan. 27-28, 1916).....	do.....	12.85
Do.....	do.....	Pittsburgh, Pa. (Feb. 22-26, 1916).....	do.....	34.85
Do.....	do.....	Philadelphia, Pa.; New York, N. Y. (Mar. 30-Apr. 2, 1916). Philadelphia, Pa. (Apr. 27-29, 1916).....	To make road and bridge foundation tests.....	22.45
Do.....	do.....	Philadelphia, Pa. (June 27-30, 1916).....	To investigate concrete in road construction.....	16.00
Do.....	do.....	Frederick, Md. (Oct. 25-30, 1915).....	To hold a field conference and making a farm survey of 300 farms in Frederick County, Md. To continue the biological survey of Arizona and the life zones of that area.	25.09
Goldenweiser, E. A.....	Statistical expert.....	Flagstaff, Ariz., and various other points in the State (July 1-Sept. 22, 1915).	To continue the biological survey of Arizona and the life zones of that area.	414.45
Goldman, E. A.....	Assistant biologist.....	Bair, Nev., and various other points in the State (Sept. 25-Dec. 10, 1915).	To study the distribution and habits of mountain sheep and other large game animals, and to collect specimens for study.	322.17
Do.....	do.....	New York, N. Y. (Apr. 24, 1916).....	To examine material in the American Museum of Natural History in connection with biological investigations being carried on in the bureau.	17.50
Do.....	do.....	Rice, Ariz., and various other points in Arizona and California (May 2-June 30, 1916.)	To continue biological surveys of Arizona and California and gather data concerning the habits and distribution of birds and mammals and the determination of life zones.	379.15
Gohl, F. L.....	Scientific assistant.....	Billings, Mont.; Mandan, N. Dak.; Akron, Denver, Colo.; Chillicothe, Dahlhart, Amarillo, Tex.; Altus, Woodward, Okla.; Tucson, N. Mex. (July 4-Oct. 15, 1915).	To assist in the collection, preparation, installation, and demonstration of the exhibit of the Bureau of Plant Industry at the International Dry Farm Congress, Denver, Colo.	812.86
Do.....	do.....	Leehall, Va.; Huntington, W. Va.; Germantown, Dayton, Geneva, Columbus, Ohio; Pittsburgh, Butler, Johnstown, Somerset, Ebensburg, Macungie, Philadelphia, West Chester, Mansfield, Pa.; Towaco, N. J.; Albany, Churchville, N. Y. (May 26-June 21, 1916). Baltimore, Md. (June 14-16, 1916).....	To conduct field inoculating experiments with soy beans, in connection with soil bacteriology investigations.	173.83
Goodenow, W. G.....	Scientific assistant in grain standardization. Dairy husbandman.....	Chemistry.....	To conduct an investigation relative to a dust explosion.	11.45
Goodman, A. M.....	Animal Industry.....	Points in Delaware, Pennsylvania, New York, and Connecticut (July 12-28, 1915). Pittsburgh, Altoona, Pa.; Monroeville, Columbus, Ohio; Kenova, Huntington, W. Va. (Aug. 3-10, 1915). Points in Pennsylvania, New Jersey, New York, Massachusetts, Vermont, New Hampshire, and Maine (Sept. 9-20, 1915).	To inspect cow-testing and bull-association work.....	87.82
Do.....	do.....	do.....	To inspect cow-testing association work.....	72.02
Do.....	do.....	do.....	do.....	110.82

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Goodman, A. M.	Dairy husbandman....	Animal Industry.....	College Park, Fischer, Md. (Sept. 23-24, 1915). Wilmington, Del. (Oct. 2, 1915).....	To inspect dairy farming work..... To inspect dairy farming and extension work of the bureau.....	\$1.50 8.21
Do	do.....	do.....	Points in West Virginia (Oct. 8-14, 1915). Points in Ohio, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Connecticut (Oct. 17-Nov. 28, 1915). Points in Pennsylvania, Tennessee, Ohio, Kentucky, New York, Vermont, Massachusetts, Rhode Island, Connecticut, and West Virginia (Dec. 1, 1915-Feb. 1916).	To supervise the dairy farming extension work and cow-testing association work of the bureau.....	46.24 332.53
Do.....	do.....	do.....	do.....	To assist in organizing and supervising cow-testing associations in connection with the dairy farm-investigations of the bureau.	432.51
Goodrich, C. L.	Agriculturist.....	Office of the Secretary (farm management). do.....	Sumter, Columbia, S. C.; Raleigh, N. C. (Jan. 31-Feb. 5, 1916). Cleveland, Ohio (July 8-10, 1915).....	To hold a field conference and making a farm survey of 300 farms in Frederick County, Md. To collect farm management records from the Marvin cooperative farm in South Carolina and conferring with farm management officials To attend the annual meeting of the Flavoring Extract Manufacturers' Association.	26.12 49.20 34.85
Do.....	do.....	do.....	do.....	To make arrangements for the manufacture of cider concentrated by freezing. To determine the feasibility of concentrating cider by freezing.	39.13 4.02
Gore, H. C.	Chemist in charge, fruit and vegetable utilization laboratory.	do.....	Mt. Gilead, Columbus, Ohio (July 21-23, 1916). Harpers Ferry, Charles Town, Shenandoah Junction, W. Va. (Aug. 28, 1915). New York, N. Y. (Sept. 20-23, 1915).....	To consult manufacturers in regard to settling machinery for potato starch to be used in connection with the chemical investigation on the utilization of potatoes.	23.45
Do.....	do.....	do.....	do.....	To attend the convention of the potato growers and visit potato starch factories in order to secure information regarding potato starch making.	62.23
Do.....	do.....	do.....	do.....	To conduct investigations in regard to the milling of dried pressed potato.	28.47
Do.....	do.....	do.....	do.....	To conduct investigations relative to the concentration of cider by freezing.	13.35
Do.....	do.....	do.....	do.....	To conduct experiments on the concentration of fruit juices.	18.10
Do.....	do.....	do.....	do.....	To conduct experiments on the concentration of cider by freezing.	19.45
Do.....	do.....	do.....	do.....	do.....	21.90

Gore, James, Jr.....	do.....	New York, N. Y.; Boston, Mass.; Houlton, Caribou, Presque Isle, Me.; Readville, Mass. (June 21-30, 1916).	To conduct investigations relative to the manufacture and utilization of potato starch.	83.72
Goss, Robert W.....	Forest Service.....	Lenoir, N. C. (Dec. 4, 1915-Jan. 20, 1916).	To assist in survey of lands being acquired under the Weeks law.	114.00
Gould, H. P.....	Federal Horticultural Board.....	Points in Kentucky, Tennessee, Texas, Louisiana, Mississippi, Alabama, and Michigan (July 1-Sept. 15, 1916).	To make a survey for powdery scab of potatoes.	712.49
Gould, H. P.....	Plant Industry.....	Westfield, N. Y.; Clyde, Waterville, Fort Clinton, Ohio; Monroe, Manistee, Traverse City, Frankfort, Mich.; Sturgeon Bay, Bayfield, Wis.; Alton, Piehlo, Colo.; Amarillo, Tex.; Woodward, Okla.; Vincennes, Indianapolis, Ind. (July 1-29, 1915).	To secure data relative to fruit variety adaptability work, in connection with fruit production investigations.	213.81
Do.....	do.....	New Orleans, Hammond, Alexandria, Jennings, La.; Beaumont, Austin, Tex.; Da Funiau Springs, Monticello, Gainesville, Macclenny, Jacksonville, Fla.; Biloxi, Lucedale, Miss.; Clitronelle, Mobile, Montgomery, Ala.; Ridgeland, S. C.; Eatonton, Augusta, Atlanta, Ga.; Norfolk, Hampton, Va. (Aug. 23-Sept. 25, 1915).	To carry on fruit production experiments, study conditions and record data relative to Pomological Investigations.	261.76
Gowen, P. L.....	Junior chemist.....	Baltimore, Md. (Aug. 26-Sept. 17, 1915).....	To perform work in tomato packing establishments in the developing or methods for the detection of water.	59.83
Graham, A. B.....	Assistant in home economics work.	Charleston, W. Va. (Nov. 21-23, 1915).....	To appear as a witness in a case reported for prosecution.	31.10
Graham, A. B.....	State Relations Service	State College, Pa. (Dec. 28-31, 1915).....	To confer with State officials in relation to the conduct of demonstration and extension work by means of movable schools.	25.93
Do.....	do.....	do.....	To collect information in relation to the use of movable schools and conducting demonstration and extension work.	45.08
Do.....	do.....	do.....	To confer with State and department officials in relation to the conduct of agricultural extension work by means of movable schools of agriculture and otherwise.	136.55
Do.....	do.....	do.....	To confer with State officials in relation to the conduct of demonstration and extension work by means of movable schools.	131.45
Do.....	do.....	do.....	To confer with extension workers in relation to the conduct of demonstration and extension work by means of movable schools.	20.66
Do.....	do.....	do.....	To confer with agricultural and home economics extension instructors in relation to the conduct of demonstration and extension work by means of movable schools.	32.35
Do.....	do.....	do.....	To confer with State and other officials in relation to the conduct of farmers cooperative demonstrations in the Northern and Western States.	37.18

Expenditures for travel, from Washington, to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Graves, Frank.....	Clerk.....	Office of the Secretary.	Asheville, Billmore, Hendersonville, Waynesville, N. C. (July 31-Nov. 14, 1915).	To assist the title attorney at Asheville in the examination of titles to lands in the Pisgah area, sought to be acquired under the Weeks law.	\$262.44
Graves, H. S.....	Forester.....	Forest Service.....	Alaska (July 8-Sept. 20, 1915).....	To make a personal investigation of the problems connected with the administration and protection of the Chugach and Tongass National Forests.	722.75
Do.....	do.....		Salt Lake City, Utah (Feb. 6-18, 1916).....	To attend meeting of the district foresters.....	211.05
Do.....	do.....		New York, N. Y. (Mar. 6-7, 1916).	To attend meeting and confer with committee of the American Game Protective and Propagation Association on game breeding.	18.60
Greacen, Zoe Verpo....	Clerk.....	States Relation Service.	New York, N. Y. (Oct. 22-25, 1915).....	To report proceedings of conference on secondary agricultural instruction called by States Relations Service.	20.51
Do.....	do.....		La Fayette, Ind. (Feb. 17-21, 1916).....	To report the proceedings of a conference on secondary agricultural instruction to be used in connection with the department's work relating to agricultural schools.	56.13
Do.....	do.....		New York, N. Y. (Feb. 25-26, 1916).....	To report the proceedings of conference on secondary agricultural education called by the States Relations Service.	21.40
Do.....	do.....		New Orleans, La. (Apr. 15-18, 1916).....	To report the proceedings of a conference on secondary agricultural instruction called by the States Relations Service to be used in connection with the department's work relating to agricultural schools.	60.65
Greeley, W. B.....	Assistant forester.....	Forest Service.....	Madison, Wis.; Omaha, Nebr.; Missoula, Mont.; Ogden, Utah; San Francisco, Cal.; Portland, Oreg. (July 4-Sept. 19, 1915); and other points in the States named.	To discuss with forest officers various phases of silvicultural and research work and to confer with officials of the Union Pacific R. R. Co. concerning the specifications for ties now used by them and concerning possible future sales to them of ties from National Forest timbers.	743.64
Do.....	do.....		Gorham, N. H. and other points in White Mountains (Nov. 4-18, 1915).	To take up certain silvicultural matters and to inspect present and prospective timber sale tracts on the White Mountain area.	80.85
Do.....	do.....		Boston, Mass. (Jan. 15-18, 1916).....	To attend meeting of the American Forestry Association and to take up with its members and others questions relating to the acquisition of lands and the administration of purchase areas in district 7 (Washington, D. C.).	39.40
Gregg, W. R.....	Meteorologist.....	Weather.....	Mount Weather, Va. (July 2-7, 1915).....	To inspect and assort property.....	7.70
Do.....	do.....		Mount Weather, Va. (July 15-21, 1915).....	do.....	8.75
Do.....	do.....		Mount Weather, Va. (Nov. 4-5, 1915).....	To pack shipment of magnetic instruments.....	9.38

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Hall, L. D.	Specialist in marketing live stock and meats.	Office of Markets and Rural Organization.	Philadelphia, Pa. (Aug. 23-25, 1915).....	To participate in public hearings on the marketing of farm products, held in the vicinity of Philadelphia, under the auspices of the Philadelphia Vegetable Growers' Association.	\$20.06
Do. ....	.....do.....	.....	El Paso, Tex.; Los Angeles, San Francisco, Cal.; Chicago, Ill. (Oct. 13, 30, 1915).	To investigate the methods of marketing live stock, with special reference to stock-yard facilities, and to make a study of central live-stock markets in accordance with a proposed publication on the subject, and to investigate the authenticity of alleged practices against stockmen by companies and individuals handling live stock.	206.80
Do. ....	.....do.....	.....	Chicago, Ill.; St. Louis, Mo. (Nov. 13-19, 1915).	To participate in the conference on the marketing of live stock and the distribution of meats to be held in Chicago beginning Nov. 15, and at St. Louis to attend the annual conference of State leaders in county agent work.	86.10
Do. ....	.....do.....	.....	Chicago, Ill.; Des Moines, Iowa (Nov. 28-Dec. 11, 1915).	To investigate the cooperative shipping of live stock, and confer with State specialists in marketing, relative to extension work.	119.19
Do. ....	.....do.....	.....	Columbus, Ohio (Dec. 27-29, 1915).....	To address a meeting of the American Association for the Advancement of Science, on the subject, "The economic aspects of meat production and marketing."	39.81
Do. ....	.....do.....	.....	Chicago, Ill.; Kansas City, Mo.; El Paso, San Antonio, Tex.; New Orleans; Baton Rouge, La. (Jan. 19-Feb. 2, 1916).	To attend the annual meeting of the American Natural Live Stock Association, interviewing candidates for positions as assistant in marketing live stock and meats, and conferring with field assistant in marketing investigations at Baton Rouge.	196.63
Do. ....	.....do.....	.....	New York, N. Y. (May 23-26, 1916).....	To investigate wholesale slaughtering and distribution of meats.	29.60
Hall, Maurice C.	Assistant zoologist.	Animal Industry.	Near-by points in Maryland and Virginia in the vicinity of the District of Columbia (Oct. 15-Nov. 18, 1915).	To investigate lungworm in cattle.....	5.35
Do. ....	.....do.....	.....	Delaphane, Va. (Nov. 15-27, 1915).....	To investigate an outbreak of lungworm and to carry on experiments in the treatment of lung-worm disease.	11.55
Do. ....	.....do.....	.....	Vienna, Va. (Dec. 13, 1915-Feb. 23, 1916).....	To conduct experiments of parasites of animals.....	5.22
Hall, W. L.	Assistant forester.	Forest Service.	Points in North Carolina (July 6-23, 1915).....	To inspect purchase areas and various tracts of land being considered for purchase in North Carolina.	106.60

Do	do	To do certain administrative work in connection with the purchase of lands under the Weeks law.	68.65
Do	do	To do certain work in connection with the purchase under the Weeks law of land in the White Mountains.	78.29
Do	do	To deliver an address at Charlotte and to make field inspection of the Savannah purchase area.	74.10
Do	do	To make an inspection of the Weeks Law cooperative fire work in Maryland.	87.00
Do	do	To make a general inspection of the Florida National Forest.	158.63
Do	do	To attend meeting of the district foresters.	191.60
Do	do	To perform certain work in connection with the purchase of land under the Weeks law.	43.72
Do	do	To deliver addresses at Davidson College and at Asheville, N. C., before the Appalachian Logging Congress and to take up matters pertaining to the superintendence of the Pisgah area.	38.40
Do	do	To study methods and appliances of visual instruction in agriculture and to collect illustrative material for use of States Relations Service.	60.35
Do	do	To attend conference of State leaders and State agents in farmers' cooperative demonstration work and to discuss preparation of illustrative material.	78.50
Do	do	To collect data in cooperative companies and public control.	196.06
Hanson, C. H.	Assistant in agricultural education.	States Relations Service.	2.25
Do	do	Office of Public Roads and Rural Engineering.	
Harden, F. G.	Irrigation engineer.	Office of the Secretary.	
Harding, Collin H.	Law clerk.		
Harris, John T.	Statistician in forest products.	Forest Service	73.50
Do	do	do	
Do	do	do	
Do	do	do	
Hartley, C. P.	Physiologist in charge of corn investigations.	Plant Industry	
Do	do	do	
Do	do	Broad Run, Va. (Aug. 26, 1915).	
Morrell, Ark.	Beaureve, Nebr.; Manhattan, Hays, Colby, Norton, Kans.; Howard, Iowa; Aberdeen, S. Dak.; Oconomowoc, Wis.; Niles, Vicksburg, Mich.; Princeton, Ohio (Sept. 8-Oct. 10, 1915).	do	228.68

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Hartley, C. P.	Physiologist in charge of corn investigations.	Plant Industry.....	Piketon, Ohio (Oct. 17-Nov. 4, 1915)	To inspect progress of experimental corn plats, and arrange further work in corn improvement and methods of corn production.	\$129.63
Do do	do	do	do	do	133.26
Harvey, F. L.	Chief of claims	Forest Service.....	Returning from trip to district headquarters at Denver, Colo.; Albuquerque, N. Mex. (July 1-18, 1915).	To inspect settlement and other lands work at the district headquarters visited.	103.20
Hasse, Clara H.	Assistant.....	Plant Industry.....	Ooden, Fowl River, Mobile, Grand Bay, Ala. (Mar. 15-May 20, 1916).	To investigate citrus canker and other citrus diseases, in connection with fruit disease investigations.	231.83
Do do	do	do	Thomasville, Ga. (June 22-30, 1916)	To investigate and demonstrate the practicability of utilizing the parcel post as a means of marketing farm produce direct from the producer to the consumer, and also to make a study of what has already been done in marketing by parcel post.	77.83
Hawbaker, C. C.	Assistant in marketing by parcel post.	Office of Markets and Rural Organization.	Baltimore, Frederick, Easton, Md. (Nov. 1-Dec. 6, 1915).	To confer with extension workers, county agents, postmasters, producers, and others regarding direct marketing by parcel post and express.	141.10
Do do	do	do	do	To investigate potato diseases, in connection with cotton and truck disease investigations.	64.65
Hawkins, Lon A.	Physiologist.....	Plant Industry.....	Manicita, Palmer Township, Wooster, Ohio (Nov. 28-Dec. 22, 1916).	To make a farm management survey.....	248.78
Hawthorne, H. W.	Scientific assistant.....	Office of the Secretary (Farm Management)	Greeley, Colo.; Stockton, Los Angeles, Calif. (July 31-Oct. 4, 1915).	To hold conferences with assistants and conduct farm management surveys.	265.69
Do do	do	do	Wester, Ohio; Madison, Wis.; Frankfort, Ind.; Marietta, Ohio (May 5-June 30, 1916).	To superintend repairs to Weather Bureau building at Sand Key and Key West, Fla.	140.34
Haynes, J. M.	Skilled mechanic.....	Weather.....	Key West, Sand Key, Fla. (Mar. 27-May 29, 1916).	To inspect mammactories of insecticides and fungicides.	211.90
Haywood, J. K.	Chief, miscellaneous division, and chairman, Insecticide Board.	Chemistry.....	Vineyard, N. J.; Philadelphia, Pa. (Sept. 27-28, 1915).	18.77	
Do do	do	do	New York, N. Y. (Dec. 12-14, 1915)	To attend the Insecticide Manufacturers' Association in connection with the enforcement of the insecticide act of 1910.	15.30
Do do	do	do	Chicago, Peoria, Ill. (May 30-June 4, 1916)	To attend the annual meeting of the American Feed Manufacturers' Association.	69.36
Do do	do	do	Baltimore, Md. (June 28, 1916)	To study the progress of manufacture of hominy feed and corn-feed meal.	4.20

			3.32
Heald, F. E.	Specialist in agricultural education.	States Relations Service.	La Plata, Md. (Sept. 8, 1915)
Do....	do.....	do.....	Hartford, Windsor, Conn. (Sept. 29-Oct. 1, 1915)
Do....	do.....	do.....	Burlington, Montpelier, Plainfield, Vt.; Albany, N. Y. (Nov. 14-25, 1915).
Do....	do.....	do.....	Castleton, Burlington, Montpelier, Vt. (Mar. 7-16, 1916).
Do....	do.....	do.....	Macomb, Ill.; Cedar Falls, Iowa; Stevens Point, River Falls, Superior, La Crosse, Wis. (June 10-27, 1916).
Hellams, R. V.	Assistant in agricultural technology.	Office of Markets and Rural Organization.	Fall River, Boston, Mass. (Mar. 12 and Apr. 1-30, 1916).
Do....	do.....	do.....	Raleigh, N. C. (May 2-June 30, 1916).
Heller, L. L.	Animal husbandman.	Animal Industry.	Boston, Mass.; Middlebury, Vt.; Pittsburgh, New York, N. Y. (July 21-30, 1915).
Do....	do.....	do.....	Columbus, Carpenter, Athens, Ohio; Parkersburg, W. Va. (Aug. 15-Sept. 7, 1915),
Do....	do.....	do.....	Points in Illinois, Wyoming, Utah, and Idaho (Oct. 6-Nov. 25, 1915).
Do....	do.....	do.....	Points in the States of Washington, Montana, Idaho, Wyoming, Colorado, Utah, Nevada, and California (Jan. 9-Mar. 23, 1916).
Hephernstine, R. K., Jr.	Clerk.	Forest Service.	Baltimore, Md.; Philadelphia, Pa.; New York, N. Y.; Cleveland, Ohio; Detroit, Grand Rapids, Mich.; Chicago, Ill. (Nov. 2-22, 1915)
Do....	do.....	do.....	Baltimore, Md. (Dec. 10, 1915)
Do....	do.....	do.....	Baltimore, Md. (Jan. 25, 1916)
Do....	do.....	do.....	Baltimore, Md. (Mar. 10, 1916)
			To investigate and report on the teaching of agriculture in schools and to obtain information in connection with the department's work relating to agricultural schools.
			7.71
			69.33
			51.31
			24.24
			172.55
			159.07
			77.40
			63.88
			310.58
			724.93
			164.33
			4.30
			4.55
			3.35

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work,	Total expense.
Helfphenstine, R. K., Jr.	Clerk.....	Forest Service	Baltimore, Md. (Apr. 10, 1916).....	To secure data in cooperation with American Wood Preservers' Association for the preparation of report on the consumption of preservatives and amount of material treated in 1915.	\$3.20
Do.....	do.....	do.....	Philadelphia, Reading, North Towanda, Pa.; New York, Binghamton, N. Y. (Apr. 15-May 14, 1916).	To inspect lumber, filing at Philadelphia, Navy Yard and to make a study of the utilization of mill and factory waste.	4.55
Do.....	do.....	do.....	Points in Tennessee (June 13-30, 1916).....	To investigate, in cooperation with Navy Department, with regard to methods of piling lumber.	95.52
Do.....	do.....	do.....	Aaron, Colo. (July 1-Aug. 21, 1915, and June 16-30, 1916).	To assist with water requirement experiments with drought-resistant crop plants.	135.60
Henault, T. R.....	Assistant....	Plant Industry.....	New York, N. Y. (Mar. 6-11, 1916).	To conduct the legal work of the department under the food and drugs act.	87.15
Henderson, W. C.....	Law clerk.....	Office of the Secretary.....	New York, N. Y. (Mar. 12-16, 1916).	do.....	31.91
Do.....	do.....	do.....	Philadelphia, Pa.; New York, N. Y.; Boston, Mass. (Apr. 26-30, 1916).	do.....	27.01
Do.....	do.....	do.....	New York, N. Y.; Boston; Fall River, Mansfield, Mass. (May 22-26, 1916).	do.....	39.90
Do.....	do.....	do.....	New York, N. Y. (June 12-13, 1916).	do.....	34.75
Do.....	do.....	Laboratory Inspector.....	Pittsburgh, Pa. (July 5-9, 1915).	do.....	16.55
Do.....	do.....	do.....	Peoria, Ill. (May 10-June 30, 1916).	To appear as a witness in the case of the Pittsburgh Melting Co. v. the B. & O. R. R. and George E. Trotter, an official of the bureau.	31.95
Hennis, C. M.....	Assistant agricultur- ist.....	Office of the Secretary (farm management).	Frederick, Md. (Oct. 25-30, 1915).....	To superintend and assist in controlling the par- ticipation and sterilization of certain anti hog cholera serum.	147.78
Do.....	do.....	do.....	Swedesboro, N. J. (Nov. 2-6, 1915).	To hold a field conference and making a farm sur-vey of 300 farms in Frederick County, Md.	18.44
Do.....	do.....	do.....	Charles City, Mason City, Clear Lake, Waverly, Waterloo, Theft, Marshalltown, Ames, Boone, Perry, Jefferson, Dennis, Schleswig, Mapleton, Butte, Hornick, Onawa, Missouri Valley, coun-cil Bluff, Taylor, Red Oak, Hastings, Shenandoah, Sidney, Hamburg, Iowa, Rock Port, Parkton, Maryville, St. Joseph, Mo.; Holton, Frankfort, Seneca, Paw-nee City, Tecumseh, Beatrice, Lincoln, Ashland, Wahoo, Fremont, Wisner, Wayne, Laurel, Nebr.; West Point, Lemars, Iowa (July 1, 1915-Sept. 30, 1916).	To take farm survey and enterprise records. To study systems of farming in which alfalfa has a place.	24.19 511.56

Do.....	.....do.....	To take enterprise records and gathering additional data to complete a bulletin for which farm survey records have already been taken.	145.70
Henry, A. J.....	Professor of meteorology.	To study floods in Arkansas River.....	101.59
Henry, H. P.....	Scientific assistant in marketing and distribution.	To arrange for market wires and make a special study of the handling of perishable fruits and vegetables in various markets, especially on the markets of Minneapolis and St. Paul, Minn., in connection with our market news service.	116.77
Henshaw, H. W.....	Chief, Biological Survey.	To make an administrative examination of work of the bureau being carried on in the various localities visited.	198.38
Hess, O. B.....	Veterinary inspector.	To attend a conference of State veterinarians to formulate regulations for the control of hog cholera era.	33.96
Do.....	.....do.....	To inspect and observe conditions and give instructions concerning the hog cholera county control investigations being conducted by the bureau.	62.12
Do.....	.....do.....	To inspect stations where hog cholera work is conducted by the bureau.	87.64
Hetzell, H. C.....	Assistant in market surveys.	To study handling, grading, packing, and marketing of peaches.	87.02
Hickman, R. W.....	Chief, Quarantine Division.	To attend and address the semiannual meeting of the National Association of Tanners held in New York on June 1, and in Athenia, N. J., and places in that vicinity in connection with the work of the animal quarantine station for the port of New York.	18.99
Do.....	.....do.....	To inspect the work of the quarantine division, especially as pertaining to the importation of hides and allied animal products.	11.90
Higginbotham, J. H. H.....	Assistant in cotton marketing.	To investigate the ginning, grading, and baling of cotton in cooperation with commodity organization in Texas, collecting information by a study of primary market conditions, and demonstrating the Official Cotton Standards, in co-operation with cotton warehouses in the cotton-growing States.	657.27
Hill, I. W.....	Agriculturist and field agent.	To organize and supervise boys' and girls' clubs and to confer with State and county leaders in relation to the progress and conduct of farmers' cooperative demonstration work in the South.	51.77
Do.....	.....do.....	.....do.....	133.82
Do .....	.....do.....	Raleigh, Salenburg, Lumberton, Elizabethtown, N. C.; Atlanta, West Point, Ga.; Auburn, Montgomery, Ala. (July 20-Aug. 7, 1915).	48.39
		Raleigh, N. C.; Clemson College, S. C. (Aug. 17-22, 1915).	To confer with State agents and other officials in relation to the organization and conduct of farmers' cooperative demonstration work.

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Hill, I. W.	Agriculturist and field agent.	States Relations Service.	Oklahoma City, Okla.; Dallas, Bryan, Rockdale, Tex. (Sept. 24-Oct. 18, 1915).	To confer with the State agents and officials in relation to the organization and conduct of boys' and girls' club work, to inspect the work in progress and to assist in demonstrations.	\$221.40
Do.	do.	do.	Knoxville, Tenn.; Shreveport, La.; Jackson, Miss. (Oct. 25-Nov. 6, 1915).	To organize and supervise boys' and girls' clubs and to confer with State and county leaders in relation to the progress and conduct of farmers' cooperative demonstration work in the South.	125.15
Do.	do.	do.	Old Point Comfort, Hampton, Va. (Nov. 10-13, 1915).	To organize boys' and girls' club work and to confer with State and county leaders in relation to the progress and conduct of farmers' cooperative demonstration work in the South.	18.50
Do.	do.	do.	Morgantown, W. Va. (Jan. 4-8, 1916)	To confer with and instruct district agents in boys' club work and to assist in conducting the work.	36.19
Do.	do.	do.	College Park, Md. (Jan. 19-20, 1916)	To assist in the instruction of county agents and to confer with farmers and others in relation to the objects and results of boys' and girls' club work.	1.60
Do.	do.	do.	Clemson College, S. C. (Jan. 26-27, 1916)	do.	39.08
Do.	do.	do.	Lexington, Ky. (Feb. 1-8, 1916).	To confer with and instruct county agents in boys' and girls' work and to assist in conducting the work.	51.85
Do.	do.	do.	Chipley, Bonifay, Tallahassee, Madison, Raiford, Gainesville, Eustis, Sanford, Demopolis, Talladega, Gadsden, Birmingham, Decatur, Huntsville, Ala. (Feb. 24-Mar. 24, 1916).	To instruct county agents and to confer with officials in relation to their work.	228.03
Do.	do.	do.	Baton Rouge, Alexandria, New Orleans, La.; A. & M. College, Miss.; Birmingham, Ala. (Apr. 8-May 11, 1916).	To confer with State agents and officials in relation to organization and conduct of boys' and girls' club work, inspect the work in progress, and to assist in demonstrations.	230.47
Do.	do.	do.	Martinsburg, Clarksburg, Grafton, Philippi, Fairmont, W. Va. (June 13-16, 1916).	To confer with farmers, district and county agents and others interested in relation to the conduct and progress of farmers' cooperative demonstration work.	37.74
Do.	do.	do.	Ocean City, Md. (June 27-29, 1916)	To confer with State agents and officials in relation to the conduct and progress of farmers' cooperative demonstration work.	15.95
Hill, Willard D.	Scientific assistant in farm management.	do.	Chicago, Ill.; Brookings, Iroquois, S. Dak.; Madison, Wis.; Ames, Iowa (Apr. 4-May 4, 1916).	To confer with agricultural extension workers regarding farm-management demonstrations and assist in conducting same.	187.06
Do.	do.	do.	Fargo, N. Dak.; Chicago, Ill.; Duluth, Minn. (June 17-30, 1916).	To confer with State extension leaders regarding farm-management demonstrations and assist in conducting work of this character.	82.25

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Hitchcock, A. S.....	Systematic agrostologist.	Plant Industry.....	To collect and study grasses to aid in the preparation of a manual of North American grasses, in connection with economic and systematic botany.
Do.....	do.....	do.....	To study West Indian grasses in the herbaria, as an aid in the preparation of a bulletin on the grasses of the West Indies.
Do.....	do.....	do.....	To study the economic use of grasses and forage plants; to aid the Hawaiian Experiment Station in such studies and assist them to prepare a herbarium of native and introduced grasses.
Do.....	do.....	do.....	To secure information as to method used in packing houses in the handling of meats in cold storage, also the commercial methods followed in the manufacture of oleomargarine.
Hoagland, Ralph.....	Laboratory inspector.	do.....	To give testimony in the case of the United States v. St. Louis Independent Packing Co. concerning the use of cereals in sausage.
Do.....	do.....	do.....	To give testimony in case of United States Department of Agriculture v. Independent Packing Co., of St. Louis, Mo.
Do.....	do.....	do.....	Obtaining farm-management data regarding farm wood lots.
Do.....	do.....	do.....	Obtaining statistical, descriptive, and other data on farm wood lots.
Hodson, E. R.....	Forest examiner.	do.....	Randleman and other points in Randolph County, S. C.; Abbeville, Benetville, S. C.; Hamlet, Gibson, and other points in Marlboro County, S. C. Various points in Rutherford County, Tenn. (Oct. 12-Nov. 17, 1915).
Do.....	do.....	do.....	Brownstown and other points in Jackson County, and Koscusko County, Ind. (Apr. 28-May 24, 1916).
Do.....	do.....	do.....	New York, N. Y.; Newark, N. J.; New Haven, Conn.; Bellows Falls, Vt. (Aug. 10-31, 1915).
Holmes, A. D.....	Scientific assistant.	States Relations Service.	To confer with experts regarding details of experimental study of emergency army rations at the request of, and in cooperation with the War Department.
Hopkins, A. D.....	Entomological assistant.	Entomology.....	To continue life-history studies on trap trees, and experiments in the treatment of rustic work.
Do.....	do.....	do.....	To conduct phenological investigations, and prepare experiments for further observations.

Expenditures for travel, from Washington, to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Hopkins, A. D.	Entomological assistant.	Entomology	Various points on Long Island, N. Y. (Apr. 30-May 3, 1916).	To make a study of insects affecting the oak and hickory trees, and to confer with representatives of bureau.	\$37.39
Do.....do.....do.....	.....do.....do.....	.....do.....	Kanawha Station, W. Va. (May 8-June 11, 1916).	To continue investigations of the relation of climate to the periodical phenomena of insects, and of insects affecting shade trees, hardy shrubs, and forest products.	43.43
Do.....do.....do.....	.....do.....do.....	.....do.....	Kanawha Station, W. Va. (June 22-30, 1916).	To conduct the legal work of the department under the food and drugs act.	28.12
Horrigan, J. B.	Law clerk....	Office of the Secretary.....	Cleveland, Ohio; Chicago, Ill.; Madison, Wis.; Cincinnati, Ohio (Nov. 26-Dec. 10, 1915).	.....	101.61
Do.....do.....do.....	.....do.....do.....	.....do.....	Nashville, Tenn.; Cincinnati, Ohio (Dec. 14-22, 1915).	.....	79.39
Do.....do.....do.....	.....do.....do.....	.....do.....	Chicago, Ill. (Jan. 5-9, 1916).....	.....	61.65
Do.....do.....do.....	.....do.....do.....	.....do.....	Trenton, N. J.; New York, Syracuse, Auburn, N. Y. (Apr. 18-20, 1916).	.....	31.71
Do.....do.....do.....	.....do.....do.....	.....do.....	Syracuse, N. Y. (Apr. 23-26, 1916).	.....	31.70
Houck, U. G.	Veterinary inspector.....	Animal Industry.....	Kansas City, Mo.; points in Idaho, Illinois, Michigan, and Ohio (July 3-16, 1915).	To investigate charges preferred by a bureau employee against other employees.	119.19
Do.....do.....do.....	.....do.....do.....	.....do.....	Norfolk, Richmond, Va. (July 28-30, 1915).	To investigate shipments of meat to Norfolk Navy Yard.	21.75
Do.....do.....do.....	.....do.....do.....	.....do.....	Hornell, N. Y. (July 30-Aug. 3, 1915).....	To investigate the cause of an outbreak of foot-and-mouth disease at Hornell, N. Y.	23.47
Do.....do.....do.....	.....do.....do.....	.....do.....	New York, N. Y.; Boston, Mass.; and points in Maine (Aug. 5-11, 1915).	To investigate complaints against bureau employees.	55.10
Do.....do.....do.....	.....do.....do.....	.....do.....	Points in New York, Iowa, and Illinois (Aug. 11-Dec. 19, 1915).	To assist in eradicating foot-and-mouth disease.	679.38
Do.....do.....do.....	.....do.....do.....	.....do.....	Boston, Mass. (Dec. 28-30, 1915).....	To make investigations in connection with an outbreak of foot-and-mouth disease and anthrax outbreaks.	23.75
Do.....do.....do.....	.....do.....do.....	.....do.....	.....	.....	138.54
Do.....do.....do.....	.....do.....do.....	.....do.....	Points in States of New York, New Hampshire, and Connecticut (Jan. 15-22, 1916).	To investigate quarantine conditions along the border between Canada and Maine.	94.41
Do.....do.....do.....	.....do.....do.....	.....do.....	Points in the State of Maine (Jan. 23-Feb. 4, 1916).	To attend a conference of veterinary inspectors and meeting of live stock and railroad men at Chicago, Ill.; also similar meeting at Decatur, Ill., and to inspect work being conducted by the bureau.	141.99
Do.....do.....do.....	.....do.....do.....	.....do.....	Baltimore, Md. (Apr. 3, 1916).....	To investigate delinquencies on the part of bureau employees.	3.45

			£ 311.99
Do...	do...	do...	do...
Do...	do...	do...	To investigate delinquencies on the part of bureau employees. Investigate reported outbreaks of animal disease and assist in the eradication of foot-and-mouth disease.
Houghton, H. W....	Assistant chemist...	Chemistry...	13.35
Do...	do...	do...	To investigate delinquencies on part of bureau employees.
Do...	do...	do...	To conduct investigations relative to the alleged practice of sanding poultry intended for food purposes.
Do...	do...	do...	55.00
Enid, Okla.; Halstead, Hutchinson, Kans.	(Sept. 1-30, 1915).	do...	36.36
Newton, Kans.; Chicago, Ill.	(Nov. 1-Aug. 31, 1915).	do...	49.87
Baltimore, Md.	(June 26, 1916).....	do...	2.75
Florence, Pendleton, Calhoun, S. C.	(Oct. 7-14, 1915).	do...	59.92
Baltimore, Md.	(Sept. 2, 1915).....	do...	1.65
Philadelphia, Pa.; Baltimore, Md.	(Sept. 7-8, 1915).	do...	18.90
Baltimore, Md.	(Sept. 10, 1915).	do...	2.00
Seymour, Ind.; Cincinnati, Ohio; Austin,	do...	do...	103.02
Henryville, Scoubsburg, Vienna, Crothersville, Underwood, Ind.; Louisville, Ky.; English, Evansville, Ind.; Owensboro Ky.; Paola, Indianapolis, Ind.; Limerdale, Ladoga, Greencastle, Brazil, Terre Haute, Clay City, Richmond, Ind.; Greenville, Gilberts, Celina, Ohio; Wheeling, W. Va. (Sept. 12-23, 1915).	do...	do...	do...
Newark, Hazlet, N. J.; New York, N. Y.; Philadelphia, Pa. (Sept. 27-28, 1915).	do...	do...	24.34
Kansas City, Mo.; Leavenworth, Wellington, Wichita, Newton, Kans.; Chicago, Ill. (Nov. 2-12, 1915).	do...	do...	122.06
New York, N. Y. (Dec. 27-28, 1915).	do...	do...	To study methods of flour milling in connection with studies of grading and standardization of flour microscopically.
Detroit, Mich.; Toledo, Ohio (Jan. 25-Feb. 1, 1916).	do...	do...	To appear as a witness in a case reported for prosecution.
New York, N. Y. (May 10-11, 1916).....	do...	do...	28.75
Various points in Colorado, Utah, Oregon, California, and the Hawaiian Islands (July 1-Sept. 6, 1915).	do...	do...	29.00
Boston, Mass. (Jan. 19-22, 1916).....	do...	do...	47.41
Chief of bureau.....	Entomology.....	do...	19.50
Howard, L. O....	do...	do...	409.64
Boston, Mass. (Jan. 19-22, 1916).....	do...	do...	36.15

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Howard, L. O.	Chief of bureau	Entomology	Boston, Mass.; New York, N. Y.; Atlantic City, N. J. (Feb. 14-18, 1916).	To attend meeting at Boston, Mass., of State officials on gipsy moth work in New England; also to attend conferences at New York City and Atlantic City of officials engaged in anamostquito work.	\$42.85
Do.	do.	do.	Orlando, Gainesville, Fla.; Thomasville, Atlanta, Ga.; Columbia, S. C. (Mar. 8-15, 1916).	To inspect field stations and confer with employees on the general subject of entomological investigations.	81.85
Do.	do.	do.	Boston, Mass. (Apr. 4-6, 1916).	To consult with Dr. W. M. Wheeler and other officers of the Bussey Institute on the general subject of entomological investigations.	34.15
Do.	do.	do.	New Orleans, La.; Houston, Brownsville, Dallas, Tex.; Wellington, Kans.; Maxwell, N. Mex.; Tempe, Ariz.; Los Angeles, San Diego, San Jose, San Francisco, Cal. (June 5-30, 1916).	To confer with field agents and inspect stations.	294.32
Howell, A. H.	Assistant biologist....	Biological Survey....	Various points in Alabama and Florida (Nov. 1-Dec. 21, 1915).	To investigate the distribution, abundance, and habits of migratory water fowl in their winter resorts in connection with the administration of the migratory-bird law. Conducting farm-management field studies with a view to increasing the farm income.	345.46
Howell, L. G.	Scientific assistant....	Office of the Secretary (farm management).	Ithaca, Dundee, Huntington, N. Y.; Bradford, St. Albans, Enosburg Falls, St. Johnsbury, Barnet, Wells River, Randolph Center, Vt.; Franklin Colebrook, N. H.; Swedesboro, N. J. (July 1-Aug. 31, 1915).	To conduct farm-management field studies with a view to increasing the farm income.	297.63
Do.	do.	do.	West Newbury, Mass.; Colebrook, N. H.; Wells River, St. Albans, Enosburg Falls, Orleans, Barnet, Vt.; Woodbury, Swedesboro, N. J. (Sept. 27-Nov. 18, 1915).	To conduct farm-management field studies with a view to increasing the farm income.	249.95
Do.	do.	do.	Woodbury, Swedesboro, N. J. (Feb. 13-Mar. 25, 1916).	To conduct investigations and obtaining records in the truck region of New Jersey.	126.37
Do.	do.	do.	Trenton, N. J. (June 14-17, 1916).	To confer with county agent of Mercer County in order to secure additional data to be used in a publication on a study of truck farming in Mercer County.	24.18
Hubbard, Prevost....	Chemist engineer....	Office of Public Roads and Rural Engineering.	Mount Ida, Va. (July 16, 1915).	To investigate bituminous road construction. ....	.15
Do.	do.	do.	New York, N. Y. (Aug. 23-26, 1915).	.....do.....	24.55

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Hudson, C. S.	Chemist in charge carbohydrates laboratory.	Chemistry	Champaign, Ill. (Apr. 16-22, 1916).....	To attend the meeting of the American Chemical Society.	\$73.48
Do.	do.	do.	Baltimore, Md.; Philadelphia, Pa.; Trenton, Princeton, Newark, N. J. (Apr. 28-May 1, 1916).	To make investigations of the practices in connection with the manufacture of sirups and confectionery, etc.	25.99
Do.	do.	do.	Baltimore, Md. (May 5, 1916).....	do.	2.43
Do.	do.	do.	Newark, Princeton, N. J.; Baltimore, Md. (May 24-31, 1916).	do.	23.33
Do.	do.	do.	Baltimore, Md. (June 20, 1916).....	do.	2.50
Do.	do.	do.	Baltimore, Md. (June 9, 13, 14, 15, 1916) (4 trips).	do.	13.75
Do.	do.	do.	Baltimore, Md. (June 19, 1916).....	do.	2.20
Do.	do.	do.	Baltimore, Md. (June 23, 1916).....	do.	2.40
Do.	do.	do.	Baltimore, Md. (June 30, 1916).....	do.	6.84
Hunt, N. Rex.	Assistant plant pathologist.	Plant Industry	Bluemont, Va. (Nov. 22, 1915-Mar. 18, 1916; Apr. 30-June 30, 1916, 8 trips, covering 100 days).	To investigate chestnut-bark and other tree diseases.	40.45
Do.	do.	do.	Albuquerque, N. M.; Texarkana, Tex.; Garden, Little Rock, Bald Knob, Ark. (Mar. 19-Apr. 29, 1916).	To conduct spraying experiments, and collect data on forest tree diseases, in connection with investigations in forest pathology.	236.26
Hunter, J. S.	Administrative assistant, game preservation.	Biological Survey	Baltimore, Md.; Philadelphia, Pa.; Asbury Park, N. J.; New York, Owego and various other points in New York; Chicago, Ill.; Madison and various other points in Wisconsin; Fargo, N. Dak., and various other points in North Dakota, South Dakota, and Iowa (Sept. 13-Dec. 10, 1915).	To investigate interstate shipments of game and collect evidence of violations under sections 242, 243, and 244 of the United States Criminal Code.	499.54
Hunter, W. D.	Entomologist in charge of southern field crop insects.	Entomology	Boston and other points in Massachusetts, Rhode Island, New Hampshire, Connecticut; and New York (July 13-18, 1915).	To inspect warehouses and mills licensed by this department to store and use imported cotton.	60.29
Do.	do. —	do.	Boston, Mass. (Aug. 17-22, 1915).....	To confer with importers of cotton as to the best means of guarding against the introduction and establishment of the pink boll worm and other cotton insects, and to confer with officials in charge of the enforcement of the gipsy moth and brown-tail moth quarantine.	46.55
Do.	do.	do.	Clarksville, Tenn.; Thomasville, Ga.; New Orleans, Baton Rouge, Tallulah, Mound, La.; Dallas, Houston, Tex. (Oct. 1-24, 1915).	To inspect field stations and confer with employees of the bureau on the subject of investigations of southern field crop insects.	231.63

Do.....	do.....	Boston, Mass.; New York, N. Y. (Jan. 9-12, 1916).	To confer with custom officials and importers of cotton waste, and to investigate matters connected with the importation and disinfection of foreign cotton.	46.70
Do.....	do.....	Norfolk, Va., and vicinity (Apr. 12-16, 1916).	To arrange for and supervise the distribution of 3,755 bags of cotton seed brought on the S. S. Apam from the west coast of Africa, and presumably infested with the pink boll worm.	38.90
Do.....	do.....	New Orleans, Mound, Talmulah, La.; Dallas, Tex. (June 4-7, 1916).	To inspect field stations and confer with employees of the bureau on the subject of investigations of southern field crop insects.	157.21
Hutchins, Lee M.....	Scientific assistant.....	Dover, Bridgeville, Woodside Del; Ocean City, Easton, Md. (July 14-20, 1915).	To study diseases of the apple, peach, and other fruits, in connection with fruit disease investigations.	29.48
Do.....	do.....	Greenwood, Bristol, Big Stone Gap, Wise, Va. (July 26-31, 1915).	do.....	39.45
Do.....	do.....	Riverton, Morestown, Mays Landing, N. J. (Aug. 1-8, 1915).	do.....	31.35
Humphrey, H. N.....	Office of the Secretary (Farm Management).	Halcottsville, Walton, Roxbury, Oneonta, Norwich, Ithaca, Olean, Sherman, N. Y.; Painesville, Ohio; Blissfield, Monroe, Mich.; Woodstock, Ill.; Bryan, Ohio (July 1-Oct. 9, 1915).	To obtain data on the management of labor on dairy farms.	626.75
Do.....	do.....	Halcottsville, N. Y. (June 17-30, 1916).	To secure data on the economical employment of labor on dairy farms and the effect of the mechanical milker upon the labor requirements of the dairy farm.	89.92
Humphrey, J. R.	Assistant in cooperative grain elevator accounting.	Cawker, Kans.; St. Joseph, Mo.; Chicago, Ill.; Minneapolis, Minn.; Fargo, N. Dak.; Hillsdale, Mich.; Toledo, Ohio (July 1-Aug. 20, 1915).	To supervise the operation of the accounting system devised and installed for experimental purpose by the Office of Markets and Rural Organization in cooperative grain elevators, and to investigate requests for information looking toward the installation of the system of accounts at other points in these States in order to ascertain the accounting requirements of cooperative elevators and live-stock shipping associations.	300.39
Do.....	do.....	Office of Markets and Rural Organization.	To supervise the accounting system devised by this office and attend the convention of the Nebraska State Grain and Live Stock Dealers' Association at Omaha, Nebr.; to deliver an address on the subject of cooperative accounting.	288.41
Do.....	do.....	Points in Minnesota, Illinois, Iowa, North Dakota and Wisconsin (Feb. 22-Mar. 7, 1916).	To ascertain the accounting requirements of primary elevators and live-stock shipping associations, and to supervise the operation of systems of accounts devised by this office; to attend the State Farmers' Grain Dealers' Association held in the various cities.	311.95
Humphreys, W. J.....	Professor of meteorological physics.	Pittsburgh, Pa.; points in Michigan, Kansas and other points in Pennsylvania (May 22-June 21, 1916).	To investigate business practice in rural creameries; to install system of elevator accounting, and supervise accounting system in five elevators.	216.50
		Oklahoma City, Ardmore, Okla (Oct. 16-24, 1915).	To investigate atmospheric conditions prevailing at Ardmore.	123.48

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Hunt, Caroline L.	Scientific assistant	States Relations Service.	Manassas, Va. (Oct. 22, 1915)	To attend farmers' institutes and deliver an address before the farm women on the home economics work of the department.	\$1.77
Do.....	do.....	do.....	Indianapolis, Ind.; Columbus, Ohio; Chicago, De Kalb, Ill. (Apr. 9-27, 1916).	To confer with extension workers in regard to home economics extension work in connection with farmers' cooperative demonstrations in the Northern and Western States.	123.01
Do.....	do.....	do.....	New York, N. Y. (May 23-June 1, 1916).	To consult with experts regarding home makers' problems and ways in which home investigations may be made more helpful; and take part in the home economics meetings of the General Federation of Women's Clubs.	58.20
Do.....	do.....	do.....	Baltimore, Md.; Ithaca, N. Y. (June 27-30, 1916).	To attend meetings of the National Society of Physico-Therapeutics in Baltimore, June 27, and deliver an address on "The food and diet work of the Office of Home Economics"; and attend a meeting of American Home Economics Association at Ithaca to consult with experts and take part in discussions.	27.58
Hutchins, Lee M.	do.....	Plant Industry	Norristown, Boyertown, Robesonia, Vincennes, Pa., Harrisburg, Pa.; Parkton, Baltimore, Md. (Sept. 1-4, 1915); Paw Paw, W. Va. (Oct. 25-27, 1915); Havre de Grace, Md.; Winchester, Va. (Mar. 27-Apr. 2, 1916); Still Pond, Md.; Dover, Newark, Del.; Winchester, Va. (May 22-June 2, 1916); Fort Valley, Mayfield, Augusta, Cornelia, Atlanta, Ga. (June 5-19, 1916); Baltimore, Md. (Oct. 8, 1915)	To study diseases of the apple, peach, and other fruits, in connection with fruit-disease investigations.	29.26
Do.....	do.....	do.....	do.....	do.....	12.00
Do.....	do.....	do.....	do.....	do.....	33.77
Do.....	do.....	do.....	do.....	do.....	48.94
Do.....	do.....	do.....	do.....	do.....	26.49
Ingle, M. J.	Assistant chemist	Chemistry	St. Louis, Mo.; Chicago, Ill. (continuation of trip started in previous year) (July 1-Oct. 25, 1915).	To conduct studies on the production of wine from Rottmoldia grapes and of nongrape wines.	2.90
Do.....	do.....	do.....	Baltimore, Md. (Oct. 15, 1915)	do.....	3.50
Do.....	do.....	do.....	Baltimore, Md. (Oct. 18-20, 1915)	do.....	8.60
Do.....	do.....	do.....	Baltimore, Md.; Philadelphia, Pa. (Oct. 20-Nov. 5, 1915)	do.....	75.25
Isbell, P. C.	Assistant in market surveys.	Office of Markets and Rural Organization.	To secure information from growers and dealers concerning marketing and prices of perishable products, and to assist in the inauguration of a market news service for tomatoes, cantaloupes, and peaches.	478.50	
Do.....	do.....	do.....	Chicago and other points in Illinois; Milwaukee, Wis.; Minneapolis, Minn.; and points in Iowa, Indiana, and Ohio (Nov. 25, 1915-Jan. 19, 1916).	To interview railroad officials and dealers in reference to the cariot arrivals and diversions of various perishable crops, particularly strawberries, tomatoes, cantaloupes, and peaches.	332.06

Do..	do	To make arrangements in the various cities named for securing reports on the arrivals and prices of fruits and vegetables, reporting the markets of Kansas City until further notice, and making a study of the probable earl or movement of products from important producing areas in the Southern States, all in connection with the market news service of this office.	559, 73
Jackson, F. H.	do	To investigate concrete in road construction.....	50, 86
Jackson, H. H. T.	Assistant testing engineer.	To study distribution and habits of birds and mammals in continuation of the biological survey of Arizona.....	512, 96
Do..	do	.....do.....	346, 33
Jackson, Robt. C.	Scientific assistant in dairying.	To make official tests of dairy herd at United States Experimental Farm for the advanced registry, To make studies of damage done by rodents in connection with reforestation and carrying on experiments for their control.	1, 50 276, 35
Jackson, R. T.	Biological assistant....	To devise practical means for the destruction of prairie dogs and other mammals injurious to agriculture, live stock, and forestry.	475, 42
Do..	do	To confer with certain macaroni manufacturers for the purpose of securing evidence and witnesses in connection with cases arising under the food and drugs act.	30, 70
Jacobs, B. R.	Assistant chemist....	To confer with the United States district attorney relative to a case under the food and drugs act.	18, 55
Do..	do	.....do.....	20, 45
Do..	do	.....do.....	17, 69
James, E. W.	Chief of maintenance.	To supervise maintenance of highways.....	196, 18
Do..	do	.....do.....	251, 65
Do..	do	.....do.....	38, 50
Do..	do	.....do.....	29, 86
Do..	do	.....do.....	20
Do..	do	.....do.....	75, 45
Do..	do	.....do.....	37, 05
Do..	do	.....do.....	.55

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
James, E. W.	Chief of maintenance...	Office of Public Roads and Rural Engineering...	Points in North Carolina and South Carolina (Jan. 17-19, 1916).	To supervise maintenance of Washington-Atlanta Highway.	\$20.05
Do.....	do.....	do.....	Alexandria County, Va. (Jan. 25, 1916)....	To give advice and supervise the securing of cost data.	.25
Do.....	do.....	do.....	Montgomery County, Md. (Feb. 28, 1916)....	To give lecture on road maintenance.	.40
Do.....	do.....	do.....	Kittanning, Pa. (Mar. 9, 1916)....	To investigate maintenance of bond-aided roads	.35
Do.....	do.....	do.....	Points in Michigan and Indiana (March 10-17, 1916).	and to give advice and supervise the securing of cost data.	73.96
Do.....	do.....	do.....	Points in Georgia and North Carolina (Mar. 30-Apr. 5, 1916).	To give lectures on road maintenance and supervise the maintenance of the Washington-Atlanta Highway.	54.75
Do.....	do.....	do.....	Points in North Carolina (Apr. 9-25, 1916)....	To investigate maintenance of bond aided roads.	109.89
Do.....	do.....	do.....	Montgomery County, Md. (May 2, 1916)....	To give advice and supervise the securing of cost data.	.85
Do.....	do.....	do.....	Points in Florida (May 7-21, 1916)....	To give lectures on road maintenance.	141.15
Do.....	do.....	do.....	Montgomery County, Md. (May 26-27, 1916)....	To give advice and supervise the securing of cost data.	.45
Jardine, Jas. T.	Inspector of grazing...	Forest Service....	Missoula, Mont.; Denver, Colo.; Albuquerque, N. Mex.; Portland, Oreg.; San Francisco, Cal.; Ogden, Utah (Aug. 13-Dec. 30, 1915).	To make an inspection of the field work in connection with national forest range investigations being conducted at the points visited.	883.00
Do.....	do.....	do.....	Santa Rita and Jornada Range Reserve, and National Forests in Arizona and New Mexico (Apr. 13-June 12, 1916).	To make a field inspection of range investigations and range reconnaissance work on the range reserves and national forests of Arizona and New Mexico.	440.47
Jenkins, B. B.	Law clerk....	Office of the Secretary.	Baltimore, Md. (Oct. 29-30, 1915)....	To conduct the legal work of the department under the food and drugs act.	7.85
Do.....	do.....	do.....	Jacksonville, Fla.; Greenville, Spartanburg, S. C. (Dec. 5-16, 1915).	do.....	85.85
Jennings, R. D.	Scientific assistant....	Office of the Secretary (farm management).	Adrain, Lansing, Greenwood, Hale, Roscommon, Thompsonville, Allegan, Kalamazoo, Mich. (Sept. 7-Oct. 16, 1915).	Taking farm survey and enterprise records....	129.92
Do.....	do.....	do.....	Woodbury, N. J. (Oct. 17-27, 1915)....	To complete a farm-management survey....	32.40
Do.....	do.....	do.....	Frederick, Md. (Oct. 25-30, 1915)....	To hold a field conference and making a farm survey of 300 farms in Frederick County, Md.	15.56
Do.....	do.....	do.....	Swedesboro, N. J. (Nov. 2-11, 1915)....	To take farm survey and enterprise records....	39.16
Do.....	do.....	do.....	Carter, Marietta, and Palmer Township, Ohio (Nov. 28, 1915-Jan. 4, 1916).	do.....	67.29
Do.....	do.....	do.....	Forest, Ind. (May 24-June 18, 1916)....	To assist in making a farm-management survey....	81.71

Jesness, O. B.....	Scientific assistant in Office of Markets and Rural Organization.	Sparrows Point, Md. (Mar. 3, 1916).....	To assist in the organization of a truck-growers association, for the cooperative handling and marketing of truck crops. 3.30
Do.....	.....do.....	Cambridge, Baltimore, Md. (Mar. 9-12, 1916).	To assist in the organization of a tomato-growers association for the cooperative handling of tomato crops. 18.30
Do.....	.....do.....	Trostburg, Md.; Paw Paw, W. Va. (Apr. 13-15, 1916).	To discuss with the growers of potatoes and peaches at the places mentioned, plans for the cooperative marketing of their crops. 18.17
Jidji, S. L.....	Organic chemist.....	Norfolk, Va., and vicinity (Jan. 20-22, 1916).	To investigate physiological conditions underlying diseases of cabbage and spinach, in connection with physiological and fermentation investigations. 15.75
Johns, C. O.....	.....do.....	Madison, Wis.; St. Paul, Minneapolis, Minn.; Chicago, Ill. (Aug. 3-Sept. 2, 1915).	To consult with bureaus and State officials concerning work on proteins. 88.70
Do.....	.....do.....	New York, N. Y.; New Haven, Conn. (Oct. 31-Nov. 3, 1915).	To consult with officials of the bureau at New York and officials of the Connecticut experiment station at New Haven. 27.04
Johnson, Elmer.....	Assistant mechanical engineer.	Alexandria, Va. (Aug. 30-Sept. 11, 1915).....	To make traction tests..... 101.25
Do.....	.....do.....	Old Fort, N. C. (Sept. 22-Oct. 10, 1915).....	.....do..... 165.20
Do.....	.....do.....	Portland, Me. (Oct. 20-Nov. 21, 1915).....	.....do..... 314.96
Do.....	.....do.....	Rockville, Md. (Jan. 14-20, 1916).....	.....do..... 12.25
Do.....	.....do.....	Pittsburgh, Pa. (Feb. 13-24, 1916).....	.....do..... 105.89
Do.....	.....do.....	Aiken, S. C.; Old Fort, N. C. (May 23-June 21, 1916).....	.....do..... 134.80
Johnson, J. M.....	Agriculturist.....	Sanford, Buckhorn, Monocure, West Raleigh, N. C. (Mar. 23-June 30, 1916), Brodhead, Wis. (June 1-9, 1916).....	To investigate systems of farm management and farm practice. 182.83
Jones, H. M.....	Bacteriologist.....	Points in Montana and Oregon (May 6-June 30, 1916) (trip incomplete). 17.89	
Jones, John D.....	National forest examiner.	Kentwood, Ind.; Cleveland, Toledo, Ohio (June 21-27, 1916). 213.67	
Jones, J. H.....	Clerk.....	Abingdon, Roanoke, Lynchburg, Christiansburg, Flaxburg, Connellsburg, Va.; Portsmouth, Cincinnati, Ohio; Lexington, Ky.; Pittsburgh, Pa.; Morgantown, Fairmont, W. Va. (July 11-22, 1915). 60.54	
Jones, Jesse M.....	Agriculturist and field agent.	La Plata, Elkhorn, Rising Star, Baltimore, Cumberland, Rawlings, Fisher, Md.; Danville, Herndon, Va. (Aug. 9-28, 1915). 110.03	
Do.....	.....do.....	Welch, Point Pleasant, Ravenwood, Huntington, Charleston, Morgantown, W. Va.; Clupper, Blacksburg, Va.; Louisville, Hopkinsville, Ky. (Sept. 1-24, 1915). 126.13	
Do.....	.....do.....	.....do..... 225.16	
			To inspect and supervise farmers' cooperative demonstration work and to confer with county agents, farmers and others in relation to the conduct of boys' and girls' clubs. To confer with county agents, extension workers, farmers, bankers, and others in relation to the organization, progress, and results of farmers' cooperative demonstration work in the South.

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name,	Title,	Bureau.	Destination.	Total expense.
Jones, Jesse M.	Agriculturist and field agent.	States Relations Service.	Montgomery, Ala.; Richmond, Culpeper, Va. (Oct. 8-27, 1915).	\$61.46
Do.....	do.....	do.....	To confer with department agents and extension workers in relation to the organization, conduct, and progress of farmers' cooperative demonstration work in the South.	58.24
Do.....	do.....	do.....	To confer with extension workers in relation to the progress and conduct of farmers' cooperative demonstration work.	19.00
Do.....	do.....	do.....	To confer with district, State, and county agents in relation to progress and conduct of farmers' cooperative demonstration work.	5.75
Do.....	do.....	do.....	To confer with agents and give instructions regarding conduct of farmers' cooperative demonstration work.	38.80
Do.....	do.....	do.....	To confer with county agents and extension workers regarding the organization, conduct, and progress of farmers' cooperative demonstration work in the South, and to deliver an address before the North Carolina Live Stock Association at Salisbury.	69.78
Do.....	do.....	do.....	To confer with extension workers in farmers' cooperative demonstration work.	3.52
Do.....	do.....	do.....	To attend association of farmers' institutes workers and confer with county agents in home demonstration work.	18.44
Do.....	do.....	do.....	To attend conference for instruction of agents engaged in farm demonstration work.	23.07
Do.....	do.....	do.....	To confer with director of extension work and others interested in farmers' cooperative demonstration work.	19.96
Do.....	do.....	do.....	To confer with the director of extension work and state agent in relation to farmers' cooperative demonstration work.	2.38
Do.....	do.....	do.....	To confer with county agents and farmers interested in relation to farmers' cooperative demonstration work.	33.66
Do.....	do.....	do.....	To confer with county agents and farmers interested in relation to the conduct of home demonstration work.	28.91
Do.....	do.....	do.....	To attend meetings of county agents for the purpose of conferring with them in relation to the conduct of home demonstration work.	

Do.....	do.....	To examine demonstration and extension work and confer with officials in relation to their work.	27.34
Do.....	do.....	To confer with State, district, and county agents in relation to farmers' cooperative demonstration work.	20.50
Do.....	do.....	To confer with state agent and officials of State fair association in relation to the progress and conduct of farmers' cooperative demonstration work.	20.46
Do.....	do.....	To confer with the acting director and other extension specialists regarding the conduct and progress of farmers' cooperative demonstration work.	23.20
Do.....	do.....	To confer with extension and demonstration specialists regarding the conduct and progress of farmers' cooperative demonstration work.	29.99
Do.....	do.....	To confer with agents and give instructions regarding conduct of farmers' cooperative demonstration work.	31.79
Do.....	do.....	To confer with State agent and officials in relation to farmers' cooperative demonstration work.	7.80
Do.....	do.....	To confer with director, State and county agents regarding farmers' cooperative demonstration work to confer with director regarding supervision of county agent work; to examine demonstration and extension work and confer with officials in relation to their work.	107.92
Do.....	do.....	To do typewriting and other clerical work under the direction of the title attorney at Woodstock, engaged in the examination of titles to lands in Virginia sought to be acquired under the Weeks law.	113.02
Do.....	do.....	To do typewriting and other clerical work under the direction of the title attorney at Asheville, engaged in the examination of titles to lands in North Carolina sought to be acquired under the Weeks law.	108.42
Jones, Robert S., jr....	Office of the Secretary.	Woodstock, Va. (Nov. 27, 1915-Jan. 8, 1916).	
Jones, Robert S., jr....	Messenger.	Asheville, Brevard, Hendersonville, N.C. (Mar. 21-Apr. 19, 1916).	
Do.....	do.....	Denver, Nashville, Greeneville, Tenn. (July 22-25, 1915); Madison, Wis., and points in Wisconsin; Minneapolis, Ferndale Falls, Minn.; Fargo, Bismarck, N. Dak.; Aberdeen, Watertown, Sioux Falls, S. Dak.; Omaha, Lincoln, Neb.; Council Bluffs, Iowa; Bloomington, Ill.; Indianapolis, Ind.; Louisville, Ky.; Clarksville, Memphis, Tenn.; Gavins, Little Rock, Ark.; Houston, Tex.; Guthrie, Okla.; Olathe, Kansas City, Topeka, Kans.; Columbia, St. Louis, Mo. (Oct. 16-Dec. 8, 1915).	
Jones, S. A....	Chief, Division of Crop Reports.	Crop Estimates.....	85.56
Do.....	do.....	do.....	459.94

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Jones, S. A.	Crop Division of Crop Reports.	Crop Estimates	Lexington, Louisville, Ky.; St. Louis, Mo.; Council Bluffs, Iowa; Omaha, Lincoln, Neb.; Douglas, Cheyenne, Wyo.; Denver, Colo.; Salt Lake City, Ogden, Utah; Great Falls, Mont.; Weiser, Idaho; Spokane, Seattle, Wash.; Portland, Oreg.; Sacramento, Cal.; Reno, Nev.; San Francisco, Los Angeles, Cal.; Albuquerque, N. Mex.; Kansas City, Mo.; Chicago, Ill. (Feb. 15–Apr. 5, 1916); Rome, Atlanta, Ga.; Raleigh, N. C. (June 13–20, 1916).....	To supervise and inspect work of, traveling with, and instructing field agents of the bureau; conducting special statistical investigations.	\$506.41
Do.	do.	do.	Pittsburgh, Pa. (July 5–9, 1915).....	To confer with local officials and others concerning the work of the bureau; traveled with agents of the bureau.	79.85
Jones, W. P.	Law clerk....	Office of the Secretary.	New York, N. Y.; Boston, Mass. (Oct. 15–25, 1915); New York, N. Y.; Boston, Mass. (Nov. 3–7, 1915); Chicago, Ill. (Feb. 16–20, 1916); New York, N. Y. (Mar. 6–11, 1916).....	To consult with the United States attorney at Pittsburgh, Pa., interviewing witness, etc., in the case of the Pittsburgh Melting Co. v. B. O. R. R. Co. and G. E. Totten, an official of this bureau.	32.55
Jones, W. P.	Assistant chief Chemistry	Chemistry	New York, N. Y. (Mar. 12–16, 1916); Philadelphia, Pa.; New York, N. Y.; Boston, Mass. (Apr. 26–29, 1916); Cincinnati, Ohio; St. Louis, Kansas City, Mo.; Chicago, Ill. (May 8–14, 1916); New York, N. Y. (May 22–26, 1916); New York, N. Y. (June 12–13, 1916); Winchester, Va. (June 1–5, 1916).....	To assist in the supervision and direction of the work of the Bureau of Chemistry.	68.20
Do.	do.	do.	do.	do.	40.62
Do.	do.	do.	do.	do.	62.95
Do.	do.	do.	do.	To supervise and direct the work of the Bureau of Chemistry.	34.50
Do.	do.	do.	do.	do.	26.71
Do.	do.	do.	do.	do.	42.90
Do.	do.	do.	do.	do.	102.35
Do.	do.	do.	do.	do.	43.23
Do.	do.	do.	do.	do.	15.90
Jordan, H. C.	Cheese maker....	Animal Industry....	Cleveland, Sandusky, Ohio; Detroit, Mich.; Kendalville, Fort Wayne, Ind. (July 31–Aug. 4, 1915).	To investigate the possibility of establishing a Cheddar cheese factory at Mardenville, Handy County, W. Va.	10.78
Kadel, B. C.	Chief of division....	Weather....	Harrisburg, Pa.; Buffalo, N. Y.; Boston, Mass.; New York, N. Y.; Baltimore, Md. (Oct. 25–30, 1915).	To consult station officials at Cleveland, Sandusky, Ohio, and Detroit, Mich., relative to storm warnings and inspecting Weather Bureau supplies at Flint & Walling Mfg. Co., Kendalville, Ind. To consult station officials relative to storm-warning service; inspecting instrumental equipment.	54.72
Do.	do.	do.	do.	do.	60.08

Do.....	do.....	Norfolk, Portsmouth, Va. (Mar. 6-8, 1916).....	To inspect installation of Weather Bureau station on Diamond Shoals light vessel.	16.05
Do.....	do.....	Chicago, Ill.; Racine, Milwaukee, Wis.; Kendallville, Ind.; Cincinnati, Cleveland, Ohio (May 2-12, 1916). Various points in New Jersey and New York (Apr. 4-June 30, 1916),.....	To inspect installation and construction of Weather Bureau instrumental equipment.	86.40
Kalmbach, E. R.	Assistant biologist.....	Biological Survey.....	To investigate the economic status of the European starling, and to conduct experiments for its control.	202.50
Kamrass, B.	Aid.....	Office of Public Roads and Rural Engineering, Office of Markets and Rural Organization.	To test and inspect dust preventives and road binders.	3.66
Kause, R. L.	Assistant in agricultural technology.	Norfolk, Va.; Charlotte, Raleigh, Pittsboro, Monroe, N. C. (Nov. 29-Dec. 10, 1915). Various points in North Carolina and Georgia (June 8-30, 1916). Baltimore, Md. (July 31, 1915).....	To examine and select types of cotton for use in the preparation of the official cotton standards of the United States.	73.85
Do.....	do.....	.....	To assist in carrying into effect the provisions of the United States cotton-futures act, and in this connection inspect and cancel, when necessary, the practical forms of the official cotton standards of the United States, distributed (1) the different spot markets designated by the Secretary of Agriculture and at other places where the standards are in use.	168.85
Kearney, T. H.	Physiologist in charge of alii and drought-resistant plants.	Sacaton, Mesa, Ariz.; Los Angeles, Chula Vista, San Diego, Berkeley, Cal. (July 1-Aug. 23, 1915). Denver, Colo.; Phoenix, Mesa, Sacaton, Chandler, Ariz.; Los Angeles, Indio, Bard, Cal. (Sept. 26-Oct. 31, 1915). Tucson, Phoenix, Tempe, Sacaton, Yuma, Ariz.; Los Angeles, Indio, Cal.; El Paso, Tex. (Mar. 27, 1916). Phoenix, Tempe, Sacaton, Ariz. (June 15-30, 1916). Washington Grove, Md. (18 trips, July 2-Dec. 4, 1915). Washington Grove, Md. (6 trips, Dec. 18, 1915-Jan. 8-22, Feb. 5-26, Mar. 11, 1916). Syracuse, Canandaigua, N. Y. (June 11-18, 1916). Syracuse, Canandaigua, N. Y. (June 19-22, 1916). Kansas City, St. Louis, Mo.; Leavenworth, Wellington, Wichita, Newton, Kans. (Aug. 2-12, 1915). Boston, Mass. (Aug. 17-20, 1915).....	To inspect field experiments in progress and to investigate the physiology of drought resistance, and the breeding of Egyptian cotton and other drought-resistant plants.	252.60
Do.....	do.....	.....	.....	242.20
Do.....	do.....	.....	.....	252.05
Do.....	do.....	.....	.....	124.70
Kehler, L. F.	Chief, division of drugs Chemistry.....	.....	To study the effect of certain drugs on tubercular patients.	40.88
Do.....	do.....	.....	.....	9.12
Do.....	do.....	.....	To appear as a witness in a case reported for prosecution.	55.22
Do.....	do.....	.....	.....	37.75
Keenan, G. L.	Microanalyst.....	.....	.....	81.11
Kellerman, Karl F.	Assistant chief of bureau.	.....	To study methods of flour milling in connection with studies of grading and standardization of flour microscopically. To confer with importers of cotton as to the best means of guarding against the introduction and establishment of the pink boll worm and other cotton insects, and to confer with officials in field charge of the enforcement of the gipsy moth and brown-tail moth quarantine.	41.25

Expenditures for travel, from Washington, to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Kellerman, Karl F.	Assistant chief of bureau.	Plant Industry	Miami, Gainesville, Fla.; Mobile, Ala.; New Orleans, Baton Rouge, La.; Agricultural College, Miss. (Feb. 10-22, 1916).	To confer with State officials, local organizations, and grovers, with a view to making tentative plans for cooperative work for the eradication of citrus canker.	\$176.70
Do.....	.....do.....	.....do.....	Baltimore, Md. (Apr. 11, 1916)	To investigate the different grades of waste arising in the manufacture of cotton in relation to the regulation of utilization of waste from foreign cottons.	4.45
Do.....	.....do.....	.....do.....	Gainesville, Brooksville, Elfers, Wauchula, Orlando, Fla. (June 7-17, 1916); Boston, Mass.; New York, N. Y. (July 1-Aug. 5, 1915).	To secure information and assist in the proper execution of the provisions of the United States cotton-futures act.	95.37
Kellner, L. W.	Assistant in cotton marketing.	Office of Markets and Rural Organization.	Greenville, Miss. (Dec. 21-24, 1915)	To select cotton samples from bales of cotton suitable for use in preparing official standards.	140.10
Do.....	.....do.....	.....do.....	Points in New York, Rhode Island, Pennsylvania, Atlantic City, N. J. (July 1-2, 1915).	To organize cow-tasting associations.	16.45
Kellogg, W. L.	Assistant dairy husbandman.	Animal Industry	Kansas City, St. Louis, Mo.; Olathe, Kans. (July 16-21, 1915).	To examine a certified dairy and to attend the meeting of the Certified Milk Producers' Association of America at Atlantic City, N. J.	137.40
Kelly, Ernest.	Milk specialist.	.....do.....	Detroit, Mich.; New York, Poughkeepsie, N. Y. (Oct. 2-10, 1915).	To confer with officials and inspect portions of milk supply and to observe a new system of pasteurizing milk in the bottle.	11.54
Do.....	.....do.....	.....do.....	Harrisonburg, Va. (Feb. 8-10, 1916)	To secure data in cooperation with Office of Markets relative to the handling and delivery of milk.	97.90
Do.....	.....do.....	.....do.....	Boston, Mass.; Durham, N. H. (Feb. 25-28, 1916).	To attend a meeting of the Virginia Creamerymen's Association and deliver an address on "The production of milk."	19.35
Do.....	.....do.....	.....do.....	Brunswick, Savannah, Ga. (Mar. 21-26, 1916).	To confer with college and experiment-station officials regarding the cost of milk production.	44.31
Do.....	.....do.....	.....do.....	Chicago, Ill.; Vancouver, B. C.; Seattle, Wash.; Portland, Oreg.; San Francisco, Los Angeles, San Diego, Calif.; Salt Lake City, Utah (May 6-11, 1916).	To secure information regarding milk conditions at Savannah and Brunswick, Ga., to read a paper before the Southeastern Sanitary Association.	56.55
Do.....	.....do.....	.....do.....	Northampton, Amherst, Mass. (June 29-30, 1916).	To observe dairy conditions, assisting city and State officials; to check the work of the bureau's western office and attend conferences regarding the National Dairy Show.	363.50
Kelsay, Raymond A.	Veterinary inspector.	.....do.....	Baltimore, Md. (July 13-16, 1915)	To attend a meeting of the Official Dairy Instructor's Association and conduct a milk-scoring contest for dairy instructors and confer with the dairy-farm inspection committee.	15.20
				To investigate a reported outbreak of anthrax....	18.85

Do.....	do.....	To collect data on immunization tests against anthrax.	10.65
Do.....	do.....	To investigate a reported outbreak of anthrax and to vaccinate exposed and affected animals.	61.06
Do.....	do.....	To assist in anthrax experimental investigations.	18
Do.....	do.....	To investigate a reported outbreak of anthrax.	10.55
Kent, N. H.	Photographer	To photograph wild fowl congregating in the waters at Widewater, Va.	1.85
Kent, R. H.	Junior engineer	To determine the feasibility of concentrating cider by freezing.	3.80
Do.....	do.....	To assist in installing equipment in the New York Food and Drug Inspection Laboratory.	18.57
Do.....	do.....	To investigate the utilization of pressed potato flour.	10.45
Do.....	do.....	do.....	9.35
Do.....	do.....	To conduct investigations relative to the drying of fruits and vegetables.	50.31
Kephart, L. W.	Scientific assistant	To inspect experimental work, and confer with cooperators and others regarding eradication of weeds, in connection with forage crop investigation.	82.81
Do.....	do.....	do.....	92.19
Plant Industry.....	Plant Industry	To appear as a witness at the trial of the Pittsburgh Melting Co. v. B. & O. R. R. Co., and an officer of the bureau.	260.61
Do.....	do.....	To secure data relating to the cooperative utilization of fruit and vegetable by-products, and assembling material collected by the Oregon Agricultural College in the cannery survey; and to interview the Abbott system of cannery accounts and arrange for the installation of a live-stock accounting system at Litchfield.	63.95
Kerr, Robert H.	Biochemist	To confer with commission merchants and other members of the trade in regard to accounting systems and business methods now in vogue in the commission business, with a view to devising a uniform system of accounts for such business.	65.02
Kerr, W. H.	Investigator in market business practice	To appear as a witness at the trial of the Pittsburgh Melting Co. v. B. & O. R. R. Co., and an officer of the bureau.	26.25
Office of Markets and Rural Organization.	Animal Industry.....	To appear as a witness at the trial of the Pittsburgh Melting Co. v. B. & O. R. R. Co., and an officer of the bureau.	131.40
Baltimore, Md. (July 23-24, 1915).	do.....	To appear as a witness at the trial of the Pittsburgh Melting Co. v. B. & O. R. R. Co., and an officer of the bureau.	8.10

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work,	Total expense.
Kerr, W. H.	Investigator in market business practice.	Office of Markets and Rural Organizations.	New York, N. Y.; Boston, Mass.; Philadelphia, Pa. (Aug. 29-Sept. 10, 1915).	To interview prospective candidates for possible openings in the Office of Markets and Rural Organization, and to confer with commission-house officials with a view to obtaining cooperation with this office in perfecting a uniform system of accounting for the commission business in the cities named.	\$82.05
Do. ....	.....do.....	.....do.....	Chicago, Ill. (Sept. 20-24, 1915).....	To secure from persons engaged in handling agricultural products certain data relating to their accounting methods, having in view the perfecting of a system of accounts for those engaged in this business.	66.10
Do. ....	.....do.....	.....do.....	New York, N. Y.; Boston, Mass. (Oct. 20-26, 1915).	To install a system of consignment records with the commission firm of W. W. Benjamin Co., Boston, Mass., for experimental purposes in devising a uniform system of accounts for commission firms handling agricultural products, and obtain information for use in perfecting this uniform system of accounts.	51.10
Do. ....	.....do.....	.....do.....	Chicago, Ill.; North Yakima, Wash.; Portland, Corvallis, Oreg.; Seattle, Wash.; Boise, Idaho (Dec. 10, 1915-Jan. 9, 1916).	To investigate and make a survey of the conditions surrounding the marketing of the apple crops of the States named with the view of assisting in formulating a more efficient plan for the marketing of these crops.	373.10
Do. ....	.....do.....	.....do.....	Chicago, Ill.; Boise, Idaho; Pendleton, Oreg.; points in Washington, Idaho, and Illinois (Feb. 1-Apr. 14, 1916).	To investigate methods used and plans contemplated for the handling and marketing of fruits from the Pacific Northwest, especially apples, which are handled by cooperative associations, and to render assistance in the foundation of such associations, in the way of suggesting constitutions, by-laws, and accounting methods, which have met with the best success in the organizations.	631.66
Do. ....	.....do.....	.....do.....	New York, N. Y. (May 25-30, 1916).....	To visit commission houses; arrange system accounting for this business; to interview advertising agents, distributors, and others regarding modern merchandising methods for marketing farm products.	35.70
Do. ....	.....do.....	.....do.....	Chicago, Elgin, Ill.; Grand Rapids, Alto, Mich.; Pittsburgh, Grove City, Pa. (June 11-21, 1916).	To interview commission firms regarding installation of uniform system of accounts; also to confer with Chicago Board of Trade to discuss more economic methods of marketing farm products.	106.90

Do.....	.....do.....	To attend a conference of the officials of the New York State College of Agriculture and legislative milk investigating committees, and secure information with reference to marketing of milk in the State of New York.	40.76
Kiefer, Francis	Forest Service.....	To make an inspection of the field work on the Cherokee and Georgia areas.	69.69
Killingsworth, C. E.....	Office of Markets and Rural Organization.	To assist with semicommercial spinning test at Pocasset Manufacturing Co., for determining the tensile strength, waste, and bleaching qualities, as well as the relative spinning value, of different grades and classes of cotton.	296.05
Do.....	.....do.....	To check determinations of tensile strength, waste, and bleaching qualities, and spinning value of cotton made in tests at Pocasset Manufacturing Co.	80.27
Kimball, H. H.....	Professor of meteorology.	Installing solar radiation apparatus.....	135.31
King, J. J.....	Messenger boy.....	To assist in conducting experiments.....	45
King, Samuel A.....	Veterinary inspector.....	To assist in eradicating foot-and-mouth disease.....	4.09
Kingphorne, Jos. Wm.....	Junior animal husbandman in poultry investigations.	To investigate the bureau's agent in charge of the organization of poultry clubs in the State of Tennessee; also to assist with the poultry club exhibit to be held at the State fair and work in connection with the poultry clubs; to investigate the boys and girls poultry club work being carried on in the vicinity of Winchester.	79.26
Do.....	.....do.....	To inspect the bureau's cooperative poultry club work being conducted in the State of Virginia.	163.42
Do.....	.....do.....	To assist with the State agents with the exhibits to be made by poultry club members.	4.02
Do.....	.....do.....	To investigate work in progress at the experimental farm.	14.40
Do.....	.....do.....	To confer with the officials of a cooperative creamery association relative to cooperative poultry club work being conducted in the State of Virginia.	13.85
Do.....	.....do.....	To inspect poultry experimental work being conducted at the United States Government farm.	1.82
Do.....	.....do.....	To inspect poultry experiments at the United States Government farm.	2.98
Kitchen, C. W.....	Office of Markets and Rural Organization.	To assist in the field work connected with the market surveys project, especially in connection with the accumulation and tabulation of records of car movement and callouts from the Imperial Valley, Cal., and render such assistance as may be necessary in connection with investigations concerning the marketing of perishable products in the States named.	682.28

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Kitchen, C. W.	Clerk.....	Office of Markets and Rural Organization.	Laredo, San Antonio, Tex.; Niland, Brownsville, Cal. (Mar. 20-June 30, 1916).	To assist in conducting the work of the market news service in the strawberry, tomato, onion, and cantaloupe districts in the States named and to interview railroad officials about union records.	\$483.88
Klein, J. P.	Assistant in market surveys.	do.....	Chicago, Ill. (July 14-Oct. 13, 1915).....	To interview transportation officials, commission merchants, and others interested in the raising and marketing of perishable products, especially peaches, tomatoes, and cantaloupes, in order to establish a limited market news service.	392.32
Do.	do.....	do.....	St. Louis, Mo. (Mar. 19-May 11, 1916).....	To continue the collecting and disseminating of useful information regarding the marketing and distribution of farm products.	179.83
Klein, Martin M.	Cooperative agent.....	Office of the Secretary.	Denver, Colo. (Sept. 7-Oct. 16, 1915).....	To assist in the transportation, installation, and handling of the exhibits of the department and their care at the International Dry Farm Congress at Denver, Colo.	186.72
Knapp, Bradford	Chief, office of extension work in the South.	States Relations Service.	Atlanta, Ga.; Auburn, Ala.; New Orleans, La.; College Station, Houston, El Paso, Tex.; Los Angeles, San Francisco, Berkeley, Cal. (July 27-Aug. 27, 1915).	To confer with agricultural college officials and department agents and inspect farmers' cooperative demonstrations and agricultural extension work; attend Texas Farmers' Congress; a meeting of Association of American Agricultural Colleges and Experiment Stations at Berkeley, for purpose of conferring with extension directors and deliver an address before station section on "Relation between extension workers and station workers;" and before the extension section on "Importance of demonstration in extension work."	225.80
Do.	do.....	do.....	Jacksonville, Gainesville, Fla.; Macon, Atlanta, Ga. (Sept. 18-24, 1915).	To confer with State and county agents and extension workers, and to inspect farmers' cooperative demonstration work in progress.	73.78
Do.	do.....	do.....	Florence, Darlington, Hartsville, Columbia, Rock Hill, Spartanburg, Clemson, Pendleton, S. C. (Oct. 7-14, 1915).	To confer with department officials and agricultural workers in relation to proposed extension work, and to inspect farmers' cooperative demonstration work in progress.	82.77
Do.	do.....	do.....	Memphis, Tenn.; Jackson, Miss.; Little Rock, Ark.; Shreveport, La. (Oct. 25-Nov. 6, 1915).	To confer with State agents of the States Relations Service in relation to conduct and progress of county agent work and plans for future work.	139.47
Do.	do.....	do.....	St. Louis, Mo. (Nov. 13-20, 1915).....	79.00	

Do.....	do.....	To confer with bankers and others interested on the subject of safe farming and to arrange for conduct of cooperative agricultural extension work.	76.45
Do.....	do.....	To examine demonstration and extension work and to confer with officials in relation to their work.	30.44
Do.....	do.....	To consult with college officials and State workers in relation to cooperative demonstration work; to instruct county agents in the conduct of their work; and to consult with State and other agents in relation to plans for extension work in home economics.	41.76
Do.....	do.....	To confer with State and county agents in relation to the progress and conduct of farmers' cooperative demonstrations, and plans for future work; to examine demonstration and extension work; to confer with officials in relation to work in progress and with county and district agents in relation to boll-weevil work; to confer with bankers and farmers regarding cotton situation with special reference to boll weevil, and with county agents and others regarding cooperation in and development of the demonstration work.	47.89
Do.....	do.....	To attend meeting of home economics extension workers and to confer with officials in relation to progress and conduct of farmers' cooperative and demonstration work.	20.40
Do.....	do.....	To consult with college officials and State extension workers in relation to cooperative demonstration; to consult with committee of State bankers' association regarding cooperation.	114.92
Do.....	do.....	To confer with extension and demonstration officials regarding the conduct and progress of the work.	85.04
Do.....	do.....	To obtain information of conditions in that country as they relate to the cattle industry, in order that this department may determine the advisability of permitting the importation of cattle to the United States.	339.82
Do.....	do.....	To assist in cooperative tuberculosis investigations.	281.41
Ladson, Thomas A.....	do.....	Points in Maryland and Virginia in the vicinity of the District of Columbia (Aug. 2, 1915-June 30, 1916). Points in Maryland and Virginia in the vicinity of the District of Columbia (July 1-Sept. 6, 1915, and Sept. 12, 1915-June 30, 1916).	294.08
Do.....	do.....	Hot Springs, Sunrise, Va. (Sep. 7-11, 1915).	47.84
Lake, E. R.....	Pomologist.....	Columbus, Dayton, Ohio, Indianapolis, Ind. ; Springfield, Ill.; Madison, Milwaukee, Wis. (June 21-30, 1916).	95.03

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Lamb, Geo. N.	Scientific assistant....	Forest Service.....	Points in Indiana and Illinois (July 1-Nov. 24, 1915).	To perform wood-lot demonstration work in cooperation with the Agricultural College of Purdue University and to make silvicultural investigations. To inspect basket willow holt at Buckingham School and to inspect basket willow and nursery work for arboretum.	\$142.35
Do	do	do	Buckeystown, Md.; Arlington, Va. (Dec. 1-31, 1915).	To make a study of the marketing of wood-lot products in South Carolina and Georgia. (Mar. 26-June 30, 1916); trip incomplete.	494.02
La Forge, F. B.	Organic chemist.....	Chemistry	Points in South Carolina and Georgia (Mar. 26-June 30, 1916); trip incomplete. Baltimore, Md. (Mar. 2-3, 1916).....	To consult with officials of the Johns Hopkins University regarding sugar investigations.	4.20
Lamon, Harry H.	Senior animal husbandman.	Animal Industry.....	Points in Illinois, Texas, Arizona, California, Utah, Nebraska, and Kansas (July 1-7, 1915).	To inspect the ostrich-breeding work conducted in Arizona and to study the ostrich, poultry, and turkey industries at other points.	115.02
Do	do	do	Storrs, Conn. (Aug. 2-5, 1915).....	To attend the annual meeting of the American Association of Instructors and Investigators in Poultry Husbandry.	36.98
Do	do	do	Buffalo, Syracuse, and other points in New York (Sept. 3-18, 1915).	To interview prospective candidates for positions in the poultry work of the bureau; also for conference with poultry and turkey breeders.	71.78
Do	do	do	Hagerstown, Md. (Oct. 11-16, 1915).....	To attend the fair to secure photographs of the leading varieties of poultry, ducks, geese, and turkeys for use in the educational poultry work being conducted by the bureau.	18.30
Do	do	do	Detroit, Bay City, St. Helens, West Branch, Mich. (Nov. 14-18, 1915).	To Detroit to hold a conference with the Cooperative Poultry Association, to review the poultry conditions in that locality of Michigan with an idea of suggesting improvements in their methods, and to other points in connection with these duties.	57.38
Do	do	do	New York, N. Y. (Jan. 1-6, 1916).....	To assist with the bureau's exhibit at the Madison Square Garden Poultry Show, New York City.	42.42
Do	do	do	Middleton, Va.; Vineland, N. J.; New York, N. Y.; Philadelphia, Pa. (Jan. 28-Feb. 24, 1916).	To consult with poultry breeders concerning the cooperative community poultry breeders' work; to inspect squab plant and to secure information concerning the care and management of squabs for use in the bureau's investigations to be conducted at the United States experimental farm at Beltsville, Md.	47.94

	Points in Vermont, Pennsylvania, New Jersey, and New York (Mar. 1-10, 1916).	To participate in the annual winter stock show held at the United States Morgan farm in cooperation with the Addison County Agricultural Society and to points in Vermont, New York, and New Jersey to conduct investigations of poultry conditions.	65.50
Do	do	To inspect the flocks of Barred Plymouth Rocks and to secure photographs of some of the stock for use in connection with the bureau's poultry work.	4.76
Do	do	To inspect the work which is being carried on at Vineland and vicinity in the study of incubation and brooding.	31.72
Do	Middletown, Md. (Mar. 25 and Apr. 20, 1916).	To assist in keeping records and outlining the poultry experimental work being conducted at the United States Government farm.	98.15
Do	Vineland, N. J. (May 16-20, 1916)	To conduct bacteriological investigations	2.50
Do	Beltsville, Md. (July 1, 1915-June 30, 1916, various trips).	To inspect milk . . . . .	.75
Lamson, R. W.	Bacteriologist.	To secure information relative to interstate and import shipments of milk, and other bacteriological work necessary. do	53.72
Do	Chemistry	79.29	
Do	do	199.26	
Do	do	180.87	
Do	do	126.95	
Lamson-Scribner, F	Expert on exhibits	To collect, prepare, install, and demonstrate the exhibit of the Department of Agriculture at the International Dry Farm Congress at Denver and make proper deposition of the same at the conclusion of the exposition.	
Lane, C. H.	States Relations Service	To confer with experts in relation to work in visual instruction in agriculture.	23.90
Do	do	To deliver a series of addresses on agricultural education at summer schools for teachers; to present a paper on agricultural education work of the Department of Agriculture before the National Education Association; and to present the report of the standing committee on use of land before the American Association for the Advancement of agricultural teaching at Berkeley, Cal.	329.41

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Lane, C. H.	Chief specialist in agricultural education.	States Relations Service.	Radford, Va. (Sept. 17-21, 1915).....	To confer with State officials in relation to cooperative work in agricultural education, and to collect information for use in the department's work relating to agricultural schools.	\$16.80
Do do	do	do	Farmingdale, N. Y. (Oct. 7-9, 1915).....	To investigate and report on the teaching of agriculture in schools and obtaining information for use in connection with the department's work relating to agricultural schools.	22.72
Do do	do	do	Ithaca, N. Y.; Amherst, Mass.; State College, Pa.; Rutland, Vt. (Oct. 22-Nov. 6, 1915),	To confer with college officials and State super-visors of public instruction in relation to agricultural instruction in schools and gather information in relation to methods of teaching agriculture for use in the Department's work relating to agricultural schools.	98.26
Do do	do	do	St. Louis, Mo.; Ames, Iowa; Madison, Wis.; Urbana, Ill.; Lafayette, Ind.; Columbus, Ohio (Nov. 17-Dec. 1, 1915).	To gather information regarding methods of teaching agriculture and to confer with extension workers in relation to boys' and girls' work in agriculture and home economics.	136.65
Do do	do	do	Boston, Amherst, Mass.; Storrs, Conn.; Orono, Bangor, Me. (Dec. 13-31, 1916).	To investigate and report upon the teaching of agriculture in schools; obtain information in connection with the department's work; and to deliver an address before conference of county agents.	57.39
Do do	do	do	Knoxville, Tenn.; Little Rock, Ark.; Agricultural College, Miss.; Auburn, Ala.; Athens, Ga. (Jan. 9-19, 1916).	To investigate and report upon the teaching of agriculture in schools; obtain information for use in connection with the department's work; and to deliver an address at Farmers' Week in Little Rock, Ark.	123.50
Do do	do	do	Lafayette, Ind.; Detroit, Mich.; New York, N. Y. (Feb. 17-26, 1916).	To confer with college and State officials in relation to the teaching of agriculture in schools; attend a meeting of the department superintendents at Detroit; and to deliver addresses on different phases of agricultural education.	96.48
Do do	do	do	Chicago, Ill.; Gary, Ind.; Cleveland, Ohio; Syracuse, Cortland, Ithaca, N. Y. (Mar. 30-Apr. 9, 1916).	To investigate and report on the teaching of agriculture in schools and obtain information in connection with the department's work relating thereto, and incident thereto to deliver an address on "Some types of secondary agricultural instruction," before the Vocational Education Association of the Middle West, at Chicago, Ill.	99.80

172.4

Do.....	do.....	To hold a conference on secondary agricultural education called by the States Relations Service at New Orleans; visit congressional agricultural schools in Louisiana, Florida, and South Carolina, for the purpose of investigating and reporting on the teaching of agriculture in schools, and in connection with this itinerary to address the students of the Alabama Polytechnic Institute at Auburn, Ala., on "Teacher-training in land-grant colleges.".....	28.20
Land, Harold I.....	Scientific assistant.....	To consult with experts regarding investigations relative to household textiles.....	10.90
Do.....	do.....	To speak on the home economics work of the department before the Lynchburg Women's Club.....	3.30
Do.....	do.....	To attend a conference of county agents in cooperative extension work in agriculture and home economics, for the purpose of delivering an address on the work of the office of home economics.....	12.01
Langworth, Dr. C. F.	Chief Office of Home Economics.	To confer with experts in relation to proposed work in home economics, and to deliver an address on the work of the Department of Agriculture before the Lake Placid Conference.....	35.86
Do.....	do.....	To address a convention of teachers at summer session of the Teachers' College, Columbia University, on the work of the department in home economics, and to confer with experts in relation to proposed work.....	27.95
Do.....	do.....	To discuss the revision of a proposed department publication and to consult with experts in relation to the work in home economics.....	25.45
Do.....	do.....	To confer with experts in relation to the home economics work of the department.....	44.93
Do.....	do.....	To attend meeting of the American Society for the Advancement of Science, and to present a paper based on the work of the department before the Section of Physiology and Experimental Medicine.....	67.69
Do.....	do.....	To confer with home economics workers in relation to and in connection with farmers' cooperative demonstration work.....	79.03
Do.....	do.....	To confer with experts in relation to the home economics work of the department; and to attend the home economics meetings of the General Federation of Women's Clubs.....	29.23
Do.....	do.....	To deliver an address on the "Home economics work of the department," before the American Home Economics Association; take part in the discussions of the association, and confer with experts in relation to home economics problems.....	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Lantz, D. E.	Assistant biologist....	Biological Survey.....	Woodland Park, Denver, Colo.; Pritchard, Idaho; Hastings, Nebr.; Manhattan, Kans.; and other points in Nebraska and Kansas (July 1-22, 1915).	To devise practical means for the destruction of prairie dogs and other mammals injurious to agriculture, live stock, and forestry; to take inventory of Government property on experimental fur farm near Pritchard, Idaho; to visit fur farms, and obtain statistics about coyote bounties in Nebraska and Kansas.	\$186.74
Do.	do.	do.	Arrington, Va. (Nov. 10-15, 1915).	To study depredations of pine mice and field mice, and devise methods for their control.	9.00
Law, F. A.	Clerk.	Forest Service.	Portland, Ore. (Jan. 8-20, 1916).	To return to station after detail in Washington office.	114.85
Law, J. W.	Assistant in marketing by parcel post.	Office of Markets and Rural Organization.	Hammonton, N. J.; New York, Marlboro, Rochester, N. Y. (July 1-20, 1915).	To make a study of shipping berries and other produce by parcel post and express, by actual shipments or otherwise, and to confer with farmers and others on marketing direct from producer to consumer by parcel post and express. do.	145.65
Do.	do.	do.	Broadway, Luray, Va. (Aug. 27-Sept. 8, 1915).	....	49.61
Do.	do.	do.	Birmingham, Ala.; New Orleans, La.; Vicksburg, Miss. (Nov. 1-28, 1915).	To investigate and demonstrate the practicability of utilizing the parcel post as a means of direct marketing of farm products; also to make a study of what has already been done in marketing by parcel post in these cities.	200.92
Do.	do.	do.	Pittsburgh, Pa.; various points in Ohio, Pennsylvania, and New York (Feb. 24-June, 1916).	To interview county agents and owners of creameries, make experimental shipments; secure names of producers and shippers; interview farmers; arrange for shipments and prepare list of producers.	313.96
Do.	do.	do.	New York, N. Y. (May 8-10, 1916).	To present facts to the advisory committee in connection with requests for changes in the regulations under the migratory-bird law.	22.65
Lawyer, George A.	Assistant in game conservation.	Biological Survey.	Norfolk, Va.; Moorehead City, Elizabeth City, New Bern, Shawboro, N. C. (June 22-30, 1916).	To investigate migratory-bird conditions and consult with individuals in relation to the administration of the migratory-bird law.	56.15
LeClerc, J. A.	Chemist in charge, plant chemical laboratory.	Chemistry.	New York, N. Y. (July 1-3, 1915).	To inspect flour mills, bakeries, macaroni factories, and other factories of cereals and other plant products, and to consult officials of experiment stations, manufacturers, and others interested in the studies of the chemical properties and food values of the various plants, cereals, etc., grown under various conditions and in various climates.	16.70

			27.54
Lee, Alfred R.	Animal husbandman.	Beltsville, Md. (July 1-1915-Mar. 17, 1916; Mar. 19-Apr. 4, 1916; Apr. 8-June 30, 1916) (various trips).	To assist in keeping records and outlining the poultry experimental work being conducted at the United States Government Experimental Farm.
Do. ....	..... do .....	..... do	1.38
Do. ....	..... do .....	..... do	17.32
Lees, Fred.	Law clerk.	Denver, Colo.; San Francisco-Cal.; Ogden, Utah; Albuquerque, N. Mex. (trip begun 1915; July 1-Dec. 31, 1915).	To relieve and perform duties of assistants to the solicitor for temporary periods.
Do. ....	..... do	Denver, Colo. (May 31-June 22, 1916)	81.30
Leighty, Clyde F.	Plant Industry.	Casa Grande, Sacaton, Ariz.; El Centro, Riverside, San Francisco, Calif.; Stockton, Davis, Chico, Cal.; Nephi, Utah; Montrose, Akron, Colo.; Manhattan, Kans.; Columbia, Mo.; Lawrenceville, Ill. (May 14-June 18, 1916).	To attend a meeting of assistants to the solicitor engaged on Forest Service work.
Lepper, H. A.	Assistant chemist.	New York, N. Y. (Oct. 17-29, 1915)	To study cereal crop conditions, take notes on wheat varieties and hybrids, and confer with experiment station officials concerning problems in cereal investigations.
Lindstrom, C. A.	Clerk.	Denver, Colo. (Sept. 15-Nov. 13, 1915)	63.36
Linton, F. B.	Chief clerk.	New York, N. Y. (Oct. 8, 1915)	211.22
Lippincott, A.	Assistant in city marketing investigations.	Hartford, Conn.; Providence, R. I.; New York, N. Y. (Aug. 10-18, 1915).	To assist in the installation and demonstration of the exhibit of the Forest Service at the International Dry Farm Congress, Denver, Colo.
Do. ....	..... do	Wilmington, Del. (May 2-6, 1916)	18.90
Liverance, W. B.	Dairy manufacturing specialist.	Office of Markets and Rural Organization. do	To study local conditions relative to the establishment of municipal wholesale and retail markets for the handling of farm products.
Do. ....	..... do .....	..... do	22.61
Lyon, J. C.	Animal Industry.	Nashville, Memphis, and other points in Tennessee; Oakland, Md. (July 1-5, 1915; July 13-15, 1915).	To confer with marketing committee of chamber of commerce and city officials regarding possible improvements which may be made in the public curb market at Wilmington.
Do. ....	..... do	Points in Tennessee, Georgia, Missouri, Arkansas, and Maryland (July 19-Sept. 30, 1915).	59.59
Do. ....	..... do .....	..... do	281.58
Do. ....	..... do .....	..... do	195.08
Do. ....	..... do .....	..... do	111.67
Do. ....	..... do .....	..... do	71.65
Birmingham, Ala.; Eatonton, Atlanta, Ga. (Dec. 3-12, 1915).	To supervise creamery investigations.	To study the creamery situation in Delaware and Tennessee and at La Fayette, Ind., in the interest of creamery organization.	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Liverance, W. B	Dairy manufacturing specialist.	Animal Industry	Points in West Virginia, Maryland, Virginia, Tennessee, Georgia, and Delaware (Dec. 17, 1915-Mar. 6, 1916).	To supervise creamery investigations and extension work.	\$372.06
Do .....	.....do.....	.....do.....	Princess Anne, Md.; Wilmington, Melford, Del. (Mar. 8-14, 1916).	To supervise creamery-extension work	29.14
Livingston, Geo.	Assistant marketing specialist.	Office of Markets and Rural Organization.	Ithaca, Niagara Falls, N. Y. (July 3-8, 1915).	To attend the annual convention of the National Hay Association at Niagara Falls, N. Y., and obtain information regarding the marketing and distribution of hay and grain.	43.13
Do .....	.....do.....	.....do.....	Various points in Ohio, Indiana, Illinois, Iowa, Nebraska, Oklahoma, and Missouri (July 15-Sept. 22, 1915).	To investigate the marketing of grain and hay at country elevators and terminal markets.	492.00
Do .....	.....do.....	.....do.....	Columbus, Ohio; Peoria, Ill. (Oct. 8-14, 1915).	To investigate the marketing of grain and hay at country elevators and terminal markets, and deliver an address at the convention of the Grain Dealers' National Association at Peoria, Ill.	70.48
Do .....	.....do.....	.....do.....	New York, N. Y.; Philadelphia, Pa.; Baltimore, Md. (Dec. 9-13, 1915).	To interview representatives of the Grain Dealers' National Association at New York, for the purpose of obtaining information regarding the exportation of grain, and to gather similar information at the other points named.	30.75
Do .....	.....do.....	.....do.....	Columbus, Toledo, Ohio; Chicago, Ill.; Minneapolis, Minn.; Omaha, Nebr.; Kansas City, Mo. (Pec. 23, 1915-Feb. 5, 1916).	To make a detailed economic study of the terminal marketing of grain.	256.36
Do .....	.....do.....	.....do.....	Union City, Ind.; Milwaukee, Wis.; Indianapolis, Ind. (Feb. 19-Mar. 18, 1916).	To make a comprehensive study of the methods of handling and marketing grain at terminal markets.	154.87
Do .....	.....do.....	.....do.....	Various points in Tennessee, Mississippi, Louisiana, and Georgia (Apr. 21-May 1, 1916).	To continue the study of terminal grain marketing and other phases of the marketing of grain, seed, and hay.	145.75
Do .....	.....do.....	.....do.....	Points in Ohio, Indiana, and New York (June 23-30, 1916).	To confer with local elevator managers, Gwin Milling Co., Produce Exchange, and Buffalo Corn Exchange on methods of handling and marketing grain.	69.93
Lloyd, W. A	Agriculturist	States Relations Service.	Chicago, Bloomington, Ill.; Sault Ste. Marie, Marquette, Mich.; Madison, Milwaukee, Wis. (July 8-15, 1915).	To confer with State and county officials and department agents in relation to the conduct and progress of farmers' cooperative demonstration and extension work.	129.59
Do .....	.....do.....	.....do.....	Kansas City, Columbia, Mo.; Manhattan, Mankato, Kans.; Lincoln, Nebr. (Aug. 24-Sept. 5, 1915).	To confer with State and county officials in relation to the conduct and progress of farmers' cooperative demonstration and agricultural extension work.	130.36

Do.....	do.....	To inspect farmers' cooperative demonstration work in charge of county agents; confer with leaders in charge of agricultural extension work in Canada; and arrange for further cooperative demonstration work with the Michigan Agricultural College.	139.21
Do.....	do.....	To confer with State leaders and county officials in relation to the conduct and progress of farmers' cooperative demonstration and agricultural extension work.	139.34
Do.....	do.....	To confer with State leaders and county agents in Service in relation to the organization, progress, and results of county agents' and boys' and girls' club work.	86.05
Do.....	do.....	To confer with State leaders and county agents in relation to the conduct and progress of farmers' cooperative demonstration work and with extension officials in relation to their work.	79.46
Do.....	do.....	To confer with county agent leaders, extension directors, and county agents in relation to the progress and conduct of farmers' cooperative demonstration and agricultural extension work.	391.20
Do.....	do.....	To aid in planning work on relation of soil bacteria to citrus malnutrition; and to confer with station bacteriologists with reference to cooperative and effective organization of bacteriological studies of agricultural soils.	366.06
Lohnis, Felix.....	Plant Industry.....	To conduct investigations of canning processes and methods, the manufacture of nonalcoholic beverages, and to secure information on the grading and roasting of coffees.	2.75
Loomis, H. M.....	Chemist in charge, food-control laboratory.	New York, N. Y. (Oct. 17-31, 1915). St. Louis, Mo.; New Orleans, La. (Nov. 20-23, 1915). New Orleans, La. (Nov. 24-29, 1915).....	68.33 38.86
Do.....	do.....	.....do.....	69.45
Do.....	do.....	.....do.....	20.90
Do.....	do.....	.....do.....	70.19
Losh, A. R.....	Student assistant.....	Boston, Mass.; New York, N. Y. (Feb. 24-Mar. 1, 1916). Points in Massachusetts (Dec. 9-29, 1915). Portland, Me.; Boston, Mass.; Hartford, Conn.; New York, N. Y. (July 8-15, 1915).	59.27
Lyman, Geo. R.....	Pathological inspector.	To make economic studies of county systems of highways.	52.78
Do.....	do.....	.....do.....	15.70
Lynch, W. D.....	Assistant chemist.....	Philadelphia, Pa.; Trenton, N. J.; New York, N. Y. (Aug. 22-28, 1915). Trenton, N. J. (Feb. 22-23, 1916).....	To inspect potatoes for powdery scab and to consult with quarantine inspectors. To appear as witness in a case reported for prosecution under the insecticide act of 1910.

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
McAtee, W. L.	Assistant biologist....	Biological Survey.....	Portland, Me., and other points in Maine, New Hampshire, and Massachusetts (Oct. 20-Dec. 6, 1915).	To investigate the relation of sea fowl to the shell-fish industry; to study the food habits of sea-birds; and to gather data on the fruiting season of shrubs and trees.	\$176.31
Do.	do	do	Burlington, Vt. (Feb. 8-Mar. 2, 1916).....	To attend annual meeting of the Vermont Fish and Game League.	42.16
McBryde, C. N.	Senior bacteriologist...do	Animal Industry.....	Annes, Iowa (July 21-31, 1915).....	To carry out experiments designed to improve methods of manufacturing antihog-cholera serum.	58.46
Do.	do	do	Omaha, Nebr.; Ames, Iowa (Aug. 1-28, 1915).	To conduct investigations and experiments to determine the degree of heat necessary to thoroughly sterilize meat.	65.62
Do.	do	do	Ames, Iowa (Aug. 6-Sept. 21, 1915).....	To conduct experiments relating to the production of antihog-cholera serum.	90.43
Do.	do	do	Ames, Iowa; Omaha, Nebr. (Sept. 22-28, 1915).	To carry on experiments to determine the temperature to sterilize meat.	39.96
Do.	do	do	Ames, Iowa; Omaha, Nebr. (Oct. 1-5, 1915; Oct. 15-31, 1915).	To conduct experiments in the production of hog-cholera serum.	37.85
Do.	do	do	Omaha, Nebr. (Oct. 6-14, 1915).....	To make observations and experiments with a view to determine the degree of heat required to sterilize meat.	48.81
Do.	do	do	Ames, Iowa (Nov. 1-Dec. 2, 1915).....	To carry on investigations and experiments relating to the production of hog-cholera serum.	92.84
Do.	do	do	Chicago, Ill. (Dec. 3-6, 1915).....	To attend a meeting of the United States Live Stock Association.	44.25
Do.	do	do	St. Louis, Mo. (Jan. 25-31, 1916).....	To give testimony in the case U. S. Department of Agriculture v. Independent Packing Co. of St. Louis, Mo.	77.80
Do.	do	do	Ames, Ft. Dodge, Iowa. (Mar. 22-June 28, 1916). Salt Lake City, Utah (July 1-6, 1915).....	To assist in conducting hog-cholera experiments....	207.65
McClain, J. H.	Dairy husbandman.....	do	Starkville, Miss. (July 10-16, 1915).....	To attend conference of department employees and to confer with bureau employees regarding work in progress.	80.30
Do.	do	do	Points in the States of North Carolina, Georgia, Alabama, Missouri, Oklahoma, Arkansas, and Louisiana (July 21-Oct. 11, 1915).	To attend a meeting of the Round-up Farmers' Institute held under auspices of the Mississippi Agricultural and Mechanical College.	58.46
Do.	do	do	Points in South Carolina, Tennessee, Georgia, Alabama, Texas, Oklahoma, Louisiana, Mississippi, and North Carolina (Nov. 6-Dec. 14, 1915).	To attend farmers' meetings at various points; also to attend the Southern Cattle Mens' Association at Birmingham, and the State Farmers' Convention at Raleigh, N. C.	485.89
Do.	do	do		To supervise the dairy farming work of the bureau.	260.73

Do.....	do.....	To supervise dairy farming investigations.	211.58
Do.....	do.....	To confer with bureau employees and local business men concerning the establishment of a creamery at that place.	26.27
Do.....	do.....	To supervise and investigate the work of the bureau now in progress, and to attend the following meetings and deliver addresses: Texas Creameries Association, Houston, Tex.; Louisiana Dairymen's Association, Baton Rouge, La.; Louisiana Jersey Breeders' Association, Baton Rouge, La.; auction sale of Jersey and Holstein Cattle, Baton Rouge, La.; women's demonstration agents, Tallahassee, Fla.; to Grove City, Pa., for the purpose of observing the methods used in the creamery for use in extension work in the South.	265.34
Do.....	do.....	To supervise and investigate the dairy work of the bureau now in progress.	454.43
Do.....	do.....	To supervise and investigate the dairy work of the bureau now in progress, also to investigate the possibility for cheese work in South Carolina. To supervise the dairy farming work now in progress and to attend a conference of dairy extension men and bureau officials at Birmingham, Ala., for the discussion of dairy work and to plan for new work.	72.89
Do.....	do.....	Ascertaining the cost of producing hay by enterprise surveys.	281.35
Do.....	do.....	Making an enterprise survey on the cost of producing hay and studying methods of making hay.	337.70
Do.....	do.....	Making an enterprise study in the production of hay to ascertain the cost of production.	13.19
McClure, H. B.....	Agriculturist.....	do.....	40.39
Do.....	do.....	do.....	16.28
Do.....	do.....	do.....	175.09
Do.....	do.....	do.....	do.....
McCounell, O. J.....	Assistant in cotton marketing.	Office of Markets and Rural Organization.	738.23
Do	do	do	(Sept. 22-Oct. 31, 1915).
Points in South Carolina, North Carolina, Georgia, Tennessee, Arkansas, Texas, and Alabama (Dec. 22, 1915-Jan. 24, 1916). Spartanburg, S. C. (Jan. 28-31, 1916).....	do.....	To points in Mississippi, Alabama, Georgia, North Carolina, Texas, Oklahoma, Arkansas, and Louisiana (Mar. 11-May 1, 1916). Points in Tennessee, South Carolina, Georgia, and North Carolina (May 6-15, 1916). Points in Alabama, Tennessee, Georgia, Virginia, North Carolina (June 3-26, 1916). Sidney, Ohio; Belleville, Ill.; Corydon, Iowa; Washington, Pa. (July 1-Sept. 11, 1915). Cannonsburg, Pa.; Des Moines, Iowa; Grand Island, Clay Center, Superior, Nebr.; Manakato, Kans.; Vinita, Okla. (Sept. 20, 1915-Jan. 4, 1916). Sunbury, Lewisburg, Pa. (Apr. 13-17, 1916). Bath, N. Y.; Plainsboro, N. J. (June 8-15, 1916). Plainsboro, N. J. (June 21-24, 1916). Norfolk, Danville, Va.; Greenville, Raleigh, N. C. (Aug. 24-Sept. 18, 1915). Norfolk, Va.; points in North Carolina.	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
McConville, Arthur H.	Law clerk.....	Office of the Secretary.	Elkins, Grafton, W. Va. (Oct. 29-Nov. 2, 1915).	To investigate the title to certain lands in West Virginia sought to be acquired under the Weeks law and to confer with the title attorney regarding same.	\$32.00
Do.....	do.....	do.....	Woodstock, Va. (May 9, 1916).....	To investigate a title to lands in Virginia sought to be acquired under the Weeks law and to confer with title attorney regarding same.	8.00
Do.....	do.....	do.....	Asheville, N. C.; Johnson City, Bristol, Knoxville, Tenn. (Mar. 8-15, 1916).....	To confer with the title attorneys in the field regarding the examination of titles to lands in North Carolina and Tennessee sought to be acquired under the Weeks law.	63.93
Do.....	do.....	do.....	Asheville, Raleigh, N. C.; Atlanta, Ga.; Knoxville, Bristol, Tenn. (Sept. 29-Oct. 9, 1915).....	To investigate titles to lands in North Carolina, Tennessee, and Georgia, sought to be acquired under the Weeks law and to confer with the title attorneys in the field regarding the examination of such titles.	95.03
Do.....	do.....	do.....	Greeneville, Knoxville, Tenn.; Asheville, N. C.; Greenville, S. C.; Lynchburg, Va. (Mar. 19-29, 1916).....	To investigate titles to lands in Tennessee, North and South Carolina, and Virginia, sought to be acquired under the Weeks law and to confer with the title attorneys in the field regarding the examination of such titles.	74.57
McCormick, E. B.	Mechanical engineer.....	Office of Public Roads and Rural Engineering.	Spokane, Wash.; Bozeman, Mont. (July 8-27, 1915).....	To investigate explosions and fires in grain separators.	200.25
Do.....	do.....	do.....	Wilmington, Del. (Aug. 25, 1915).....	To inspect tractors.....	9.18
Do.....	do.....	do.....	Chicago, Ill. (June 21-30, 1916).....	To attend convention of National Gas Engineers' Association.	43.10
McCrory, S. H.	Chief of drainage investigations.	do.....	Owensboro, Ky. (July 15-21, 1915).....	To investigate drainage conditions and supervise field work.	69.25
Do.....	do.....	do.....	Points in Illinois, Nebraska, Iowa, Missouri, Colorado, Idaho, Oregon, Washington, California (Aug. 2-Oct. 11, 1915). Points in North Carolina, Missouri, Alabama, Florida (Nov. 7-22, 1915). Points in Oklahoma, Missouri, Arkansas, Tennessee, Georgia (Dec. 4-13, 1915).	do.....	544.00
Do.....	do.....	do.....	Boston, Mass. (Jan. 4-6, 1916).....	do.....	185.20
Do.....	do.....	do.....	Charleston, S. C. (Jan. 8-13, 1916).....	To give lecture on drainage.....	145.31
Do.....	do.....	do.....	do.....	To inspect drainage conditions and supervise field work.	35.80
Do.....	do.....	do.....	do.....	To afford conference of drainage engineers and give lecture.....	23.25
Chicago, Ill.	Fort Dodge, Iowa (Feb. 21-26, 1916).	do.....	do.....	To afford conference of drainage engineers and give lecture.....	49.60

Do.....	do.....	Points in Iowa, Colorado, Illinois, Tennessee, Indiana (Mar. 1-19, 1916).	To inspect drainage conditions and supervise field work.	175.99
Do.....	do.....	Points in North Carolina, Missouri, Illinois, Iowa, Kentucky (Apr. 3-30, 1916).	do.....	240.64
Do.....	do.....	Gainesville, Monroe, Ga. (May 3-6, 1916).	do.....	20.81
Do.....	do.....	Points in Iowa, Illinois, Missouri (May 21-30, 1916).	do.....	77.98
Do.....	do.....	Points in Missouri, Arkansas, Kentucky, Michigan, Maine (June 2-17, 1916).	do.....	161.74
McDonnell, C. C.....	Chief insecticide and fungicide laboratory.	Baltimore, Md. (July 7, 1915). To consult with the manufacturers of insect powders.	3.06	
Do.....	do.....	Baltimore, Md. (Jan. 18, 1916).	do.....	3.05
Do.....	do.....	Points in New Jersey, New York, Massachusetts (Jan. 30-Feb. 2, 1916).	To consult with vacuum fumigating companies, chemists, and inspectors of the board in connection with the disinfection of imported cotton.	43.45
Do.....	do.....	Trenton, N. J. (Feb. 22-23, 1916). To appear as witness in a case reported for prosecution under the insecticide act of 1910.	To consult with vacuum fumigating companies, chemists, and inspectors of the Federal Horticultural Board in connection with the disinfection of imported cotton.	15.90
Do.....	do.....	Boston and other points in Massachusetts (Feb. 27-Mar. 2, 1916).	To get enterprise data on farms and conferring with assistants in charge of organization work.	46.10
McDowell, J. C.....	Agriculturist.....	Adrian and vicinity, Mich. (Sept. 7-23, 1915). Frederick, Md. (Oct. 25-30, 1915). To hold a field conference and making a farm survey of 300 farms in Frederick County, Md.	To secure farm enterprise records and other data needed in connection with farm management field studies.	99.85
Do.....	do.....	Adrian, Lansing, Mich.; Madison, Hillsboro, Montello, Portage, Wis. (Nov. 25-Dec. 7, 1915). Manhattan, Kans.; Lincoln, Nebr.; Brookings, S. Dak.; Monett, Mo.; Waukesha, Portage, Wis. (Apr. 27-May 17, 1916).	To gather additional data to complete bulletins now in preparation and to confer with the directors of agricultural stations concerning field work.	29.80
Do.....	do.....	Highland, Pa. (Oct. 26-28, 1915). Trenton, N. J. (Feb. 15-19, 1916). To take notes on experimental grass plots, in connection with forage crop investigations.	To appear as a witness in a case reported for prosecution.	90.94
McDowell, H. P.....	Assistant.....	Plant Industry.....	To perform field work in connection with woodlot studies in the States visited.	13.46
McIntyre, A. J.....	Medical assistant.....	Chemistry.....	do.....	27.31
Do.....	do.....	do.....	do.....	74.72
Do.....	do.....	do.....	do.....	29.71
Do.....	do.....	Forest Service.....	do.....	51.68
MacKaye, Benton.....	Veterinary inspector.....	Animal Industry.....	To test cattle for tuberculosis.	543.39
McKeown, T. H.....	Forest Examiner.....	Plant Industry.....	To perform field work in connection with woodlot studies in the States visited.	253.97
McKenney, R. E. B.....	Pathologist.....	Pathology.....	To conduct experiments for the control of bacterial wilt of tobacco in connection with the Central Laboratory of Plant Pathology.	722.45
McLaughlin, F. M.....	Clerk.....	S. C. (Dec. 1-6, 1915),	To confer with field agents in relation to the progress of farmers' cooperative demonstration work.	30.80

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
McLaughlin, F. M.	Clerk	States Relations Service, Pa.	Richmond, Va. (Jan. 27-28, 1916).....	To confer with State and department agents in relation to conduct of farmers' cooperative demonstration work in the South.	\$14.10
McLennan, Robert	Gardener	Plant Industry	Philadelphia, Pa., and vicinity (Mar. 27-29, 1916).....	To inspect new plants and nursery stock, and greenhouse supplies, in connection with the purchase and distribution of valuable seeds.	17.41
McVean, J. D.	Scientific assistant	Animal Industry	Raleigh, Warsaw, and other points in North Carolina (Jan. 18-Feb. 3, 1916); Boston, Springfield, and other points in Massachusetts (Mar. 1-9, 1916).....	To assist in cooperative organization of pig clubs.	60.11
Do.	do.	do.	do.	To inspect the cooperative pig club work which is being conducted in the State of Massachusetts in cooperation with the Massachusetts Agricultural College.	57.38
Do.	do.	do.	Points in Indiana, Nebraska, Iowa, Illinois (Apr. 30-May 13, 1916), Chicago, Ill.; Madison, Wis.; points in Idaho and Montana (July 1-Aug. 4, 1915).....	To inspect the cooperative pig club work.....	130.24
McWhorter, V. O.	Junior animal hus-bandman.	do.	do.	To study the market classes and grades of wool and the production of wool on farms and ranges, and to secure data concerning the sheep and goat investigations being conducted by the bureau.	266.55
Do.	do.	do.	do.	To superintend the sheep and goat work being carried on at the United States Experimental Farm.	5.36
Do.	do.	do.	do.	To inspect the goat ranch of the Sea View Hospital located on Staten Island and to visit different hospitals in New York City in connection with the milk-goat work being conducted in cooperation with the Sea View Hospital.	13.62
Do.	do.	do.	do.	To inspect the work in connection with the sheep and goat investigations being carried on at the United States Experimental Farm. To inspect the cooperative goat investigations, and supervise the taking of motion pictures in wool factories showing the different processes in the manufacture of worsted and woolen goods from the raw wool to finished cloth, also to visit goat breeders to secure additional stock for the United States Experimental Farm at Beltsville, Md.	71.25
Do.	do.	do.	do.	To select and arrange for a shipment of Southdowns to Beltsville, Md., and to accompany the car of sheep from Middlebury, Vt., to the experimental farm at Beltsville, Md.	27.78
Do.	do.	do.	do.	Middlebury, Vt.; Beltsville, Md. (Nov. 21-Dec. 1, 1915).	

Do	do	Points in Pennsylvania, New York, Massachusetts, Illinois, Wyoming, Utah, Idaho (Mar. 16-June 30, 1916).	To Philadelphia, Pa., for the purpose of inspecting a flock of goats with a view of purchasing a flock for the bureau's goat investigation at Beltsville, Md. To Lowell, Mass., to supervise the taking of motion pictures in wool factories showing the different processes in the manufacture of worsted and woolen goods from the raw wool to finished cloth. To other points for the same work. Travel in Wyoming, Idaho, and Utah to accompany the wool exhibition car. To examine and condemn property.....	730.08 5.75
Maring, D. T.	Chief of Division of Stations and Accounts, do	Mount Weather, Va. (July 16-17, 1915).	Examination accounting records and methods at the various stations visited; inspecting Neah Bay building.	357.55
Markley, H. E.	Student assistant	Fort Wayne, Ind.; Chicago, Ill.; La Crosse, Wis.; Duluth, Moorhead, Minn.; Bismarck, N. Dak.; Helena, Mont.; Sheridan, Yellowstone Park, Wyo.; Spokane, Seattle, Tatoosh Island, Neah Bay, Wash.; Portland, Ore.; San Francisco, Mount Tamalpais, Los Angeles City, Utah; Denver, Colo.; Dodge City, Concordia, Kans.; Kansas City, St. Louis, Mo.; Springfield, Ill.; Cincinnati, Ohio (Sept. 9-Oct. 27, 1915); Alexandria, Va. (Aug. 31-Sept. 11, 1915).	To make traction tests.....	28.92
Marlatt, C. L.	Assistant chief	Baltimore, Md. (Apr. 11, 1916).	To investigate different grades of waste arising in the manufacture of cotton in relation to the regulation of the utilization of waste from foreign cottons.	4.45
Marsden, R. D.	Senior drainage engineer.	Norfolk, Va., and vicinity (Apr. 12-14, 1916).	To arrange for and supervise the distribution of 3,755 bags of cotton seed brought on the S. S. Appam from the West Coast of Africa, and presumably infested with the pink boll worm. To investigate drainage methods.....	21.56
Marsh, C. D.	Physiologist	Points in Ohio (July 1-8, 1915).	To deliver an address on the drainage of peat and muck lands.	63.27
Do	do	Ithaca, N. Y. (Feb. 7-9, 1916)	To conduct experiments and investigations concerning the effect which certain poisonous plants have upon live stock.	27.78
Do	do	Salina, Utah (July 11-Oct. 15, 1915)	To deliver an address on poisonous plants and their relation to live stock, and to investigate matters in regard to poisonous plants.	370.71
Do	do	Chicago, Ill.; Salt Lake City, Salina, Utah; Denver, Colo.; El Paso, San Antonio, Tex. (Jan. 10-Feb. 1, 1916).	To conduct experiments concerning the effect which certain poisonous plants have on live stock.	286.71
Do	do	Chicago, Ill.; Salt Lake, and other points in Utah. (May 9-June 30, 1916).	To conduct experiments concerning the effect which certain poisonous plants have on live stock.	281.74

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Marsh, Hadleigh,	Veterinary inspector	Animal Industry	Salina, Richfield, and other points in Utah; Colorado Springs, Colo.; Chicago, Ill.; points in South Dakota and Nebraska (July 1-Oct. 26, 1915).	To investigate the effects of poisonous plants on live stock.	\$210.40
Do	do	do	Burke, Va. (Jan. 12-20, 1916)	To assist in conducting experiments of infectious abortion of cattle.	2.00
Do	do	do	Bethesda, Md. (Apr. 6-May 31, 1916)	To assist in blackleg experiments and investigations.	2.45
Do	do	do	Meade, Kans. (May 1-7, 1916)	To investigate a reported outbreak of blackleg.	107.46
Do	do	do	Bethesda, Md. (May 17-20, 1916)	To assist with experimental work being conducted by the bureau.	.55
Do	do	do	Alliance, Hyannis, Nebr. (June 17-30, 1916).	To attend a meeting of the Nebraska Stock Growers' Association and the investigation of cattle diseases in western Nebraska.	126.17
Marshall, F. R.	Senior animal husbandman.	Middlebury, Vt.; Philadelphia, Pa. (Apr. 25-29, 1916).	San Francisco, Calif.; Ogden, Utah; various Points in Idaho, Wyoming, Nebraska, Montana, South Dakota (July 1-Aug. 1, 1915).	To inspect the bureau's flock of sheep and arrange for the shearing and checking up the flock. To interview textile manufacturers in connection with the wool investments of the bureau.	42.94
Do	do	do	White River Junction, Middlebury, Shoreham, Vt.; Plattsburgh, New York, N. Y. (Sept. 15-22, 1915).	To examine Government lands for range purposes; investigate sheep grazing on Government reservation projects and for investigating sheep raising.	225.87
Do	do	do	Laramie, Wyo.; Manhattan, Emporia, Kans.; Fort Collins, Colo.; Ames, Iowa; Chicago, Ill. (Oct. 16-Nov. 17, 1915)	To supervise the selling of the Southdown and to inspect the Government flock of sheep at Middlebury and to visit a stock farm to obtain information in regard to handling sheep.	57.22
Do	do	do	do	To Laramie to select ewes and to supervise the fall breeding of the bureau's flock. To Fort Collins, Colo., to arrange for a moving-picture film of sheep-feeding yards. To Manhattan, Kans., to study work of the Kansas Agricultural College in breeding Karakul sheep, and to other points in Kansas for the same purpose. To Ames, Iowa, to look over the cooperative gray draft horse breeding work being conducted by the Iowa Agricultural Experiment Station and to Chicago, Ill., to finish moving-picture film.	146.92
Do	do	do	do	To inspect the Government flock of sheep being run on the range. To attend the National Wool Growers' Convention and deliver an address on the subject of "My observation of the sheep industry in Australia," also in connection with the sheep and wool investigations being conducted by the bureau in Montana.	194.86

Do	do	Front Royal, Va. (Feb. 16-17, 1916).....	7.55
Do	do	Middlebury, Vt.; Amherst, Mass. (Mar. 1- May 16, 1916).....	67.46
Do	do	Chicago, Champaign, Ill.; Laramie, Wyo. (June 4-30, 1910).	152.10
Do	do	Points in Virginia, Maryland, New Jersey, Pennsylvania, and New York (July 1- Sept. 15, 1915).	253.74
Marshall, Rush P.	Quarantine inspector..	Federal Horticultural Board.	1,139.41
Martin, J. G.	Investigator in cotton marketing.	Office of Markets and Rural Organization.	85.07
Do	do	New York, N. Y.; Boston, Fall River, New Bedford, Mass.; Providence, R. I. (June 19-30, 1916).	285.97
Do	do	St. Louis, Mo.; Tuscaloosa, Ala. (July 20- Oct. 8, 1915).	32.68
Martin, L. H.	Assistant in market surveys.	Agriculturist.	72.00
Martin, O. B.	States Relations Serv- ice.	Gainesville, Jacksonville, Fla.; Columbia, S. C.; Richmond, Va. (Oct. 10-15, 1915), Elko, Md. (Nov. 5-6, 1915)	5.87
Do	do	Baltimore, Md. (Nov. 8, 1915)	2.00

Expenditures for travel, from Washington, to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916.—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Martin, O. B.	Agriculturist.....	States Relations Service,	St. Louis, Mo. (Nov. 14-20, 1915).....	To confer with State agents of the States Relations Service in relation to conduct and progress of county agent work and plans for future work.	\$75.30
Do.	do. ....	.....do.....	Little Rock, Ark. (Nov. 24-29, 1915).....	To confer with State and county agents regarding conduct and progress of county agent work and plans for future work.	83.70
Do.	do. ....	.....do.....	Rock Hill, S. C.; Nashville, Knoxville, Tenn.; Blacksburg, Va. (Jan. 7-12, 1916).	To instruct county agents and to confer with officials in relation to their work.	67.29
Do.	do. ....	.....do.....	Denton, Tex.; Little Rock, Ark.; Stillwater, Okla.; Knoxville, Tenn. (Jan. 15-Feb. 9, 1916)	To confer with county agents and to instruct them in relation to the conduct of their work.	240.24
Do.	do. ....	.....do.....	Agricultural College, Miss.: Baton Rouge, (Mar. 7-17, 1916), Morgantown, W. Va. (Apr. 9-11, 1916).....	To instruct county agents and to confer with officials in relation to their work.	95.37
Do.	do. ....	.....do.....	Blacksburg, Va. (Apr. 17-20, 1916).....	.....do.....	30.64
Do.	do. ....	.....do.....	Lexington, Ky. (Apr. 27-30, 1916).....	.....do.....	24.40
Do.	do. ....	.....do.....	Greensboro, N. C.; Auburn, Ala. (May 29-June 2, 1916).	.....do.....	40.60
Marvin, C. F.	Chief of bureau.....	Weather.....	Detroit, Mich.; Cleveland, Ohio; Pittsburgh, Pa. (Jan. 19-24, 1916).	To outline Weather Bureau storm-warning plans at meeting of Lake Carriers' Association; conferring with station officials.	53.42
Mason, B. B.	Clerk.....	Office of Markets and Rural Organization.	Various points in Illinois, Minnesota, North Dakota, and Ohio (Nov. 15, 1915-Mar. 1916).	To assist in the installation, supervision, and operation of systems of accounts, devised by the Markets and Rural Organization, for cooperative grain elevators, and to assist in investigating the accounting requirements of cooperative live-stock shipping associations, and the devising of a uniform system of accounts for such associations.	62.86
Do.	do. ....	.....do.....	Williamsport, Sayre, Pa.; various points in Illinois, Iowa, South Dakota, North Dakota, and Minnesota (Apr. 27-June 30, 1916).	To explain the Government grain-accounting systems, and install and instruct in operation of same.	292.49
Mastin, M. G.	Assistant chemist.....	Chemistry.....	Atlanta, Ga.; Tallahassee, Jacksonville, Tampa, Fort Meyers, Lakeland, Orlando, Miami, New Smyrna, Auburndale, Winterhaven, Haines City, Fla. (Oct. 7, 1915-Jan. 11, 1916).	To obtain data on the composition of citrus fruits for use as a basis of a standard of maturity of the citrus fruits of Florida, to investigate the sweating of citrus fruits and changes in composition during sweating, and other phases of the study of the maturity and shipping of citrus fruits from the standpoint of their composition.	281.02

Do	do	To study the chemotropism of the boll weevil.....	230.52
Mattoon, W. R.	Forest examiner	New Orleans, La.; El Centro, Niland, California, Cal.; Maricopa, Tucson, Tempe, Ariz. (May 22-June 30, 1916).	20.54
Do	Forest Service.....	Knoxville, Tenn. (July 15-Dec. 1, 1915)	664.86
May, Eugene	Gardener	Points in Virginia, North Carolina, South Carolina, Florida, Alabama, Mississippi, Louisiana, and Texas (Mar. 10-June 30, 1916). Glen St. Mary, Miami, Little River, Fla. (Dec. 6, 1915-Jan. 1, 1916).	148.20
Mayer, August	do	Philadelphia, Pa. (Mar. 27-30, 1916)	23.85
Meade, Rowland M.	Scientific assistant	Greenville, San Antonio, Clarksville, Tex.; Broken Arrow, Okla.; Jackson, Tenn.; Scott, Miss.; Cornelia, Ga.; Charleston, Rockville, S. C. (Aug. 28-Oct. 9, 1915). New York, N. Y. (July 28-31, 1915)	200.17
Meadows, W. R.	Cotton technologist	Office of Markets and Rural Organization.	15.30
Do	do	Raleigh, N. C. (Aug. 24-27, 1915)	34.15
Do	do	New York, N. Y.; Boston, Mass. (Aug. 27-Sept. 10, 1915).	62.75
Do	do	Augusta, Ga.; Montgomery, Mobile, Ala.; New Orleans, La.; points in Texas, Oklahoma, and Arkansas (Sept. 15-Oct. 4, 1915).	206.37
Do	do	Norfolk, Va. (Oct. 10-12, 1915)	16.40
Do	do	Dillon, Sumter, S. C.; Wilmington, Charlotte, N. C. (Nov. 9-21, 1915).	78.37

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Meadows, W. R.	Cotton technologist....	Office of Markets and Rural Organization.	Loudesboro, Montgomery, Birmingham, Ala.; Memphis, Tenn. (Jan. 9-12, 1916).	To investigate the conditions in the cotton market and the prevailing differences in prices for the various grades of cotton and otherwise assist in the proper enforcement of the United States cotton futures act.	\$48.36
Do.	do.	do.	New York, N. Y.; Baltimore, Md. (Mar. 16-19, 1916).	To investigate the conditions prevailing in the future and spot markets and to secure information which will assist in the proper enforcement of the provisions of the United States cotton futures act.	25.10
Do.	do.	do.	Atlanta, Ga.; points in South Carolina, Alabama, Louisiana, and Tennessee (Apr. 5-16, 1916).	.....	121.77
Do.	do.	do.	New York, N. Y.; Boston, Lowell, Mass.; North Bennington, Vt. (June 26-30, 1916).	To confer with members of cotton exchange, cotton trade, and mills regarding cotton act, quotations, and grades.	67.60
Meier, Fred C.	Assistant....	Plant Industry....	Norfolk, Va., and vicinity; Vienna, Md. (Aug. 15-18, 1915); Chicago, Ill. (Nov. 27-Dec. 3, 1915)	To investigate diseases of watermelon in connection with cotton and truck disease investigations.	21.25
Melvin, A. D.	Chief of Bureau of Animal Industry....	Animal Industry....	.....	To attend conference regarding the eradication of foot-and-mouth disease and also to attend meeting of United States Live Stock Sanitary Association.	67.50
Do.	do.	do.	Southern Pines, N. C.; Atlanta, Ga.; New Iberia, Baton Rouge, New Orleans, La.; Houston, Galveston, Tex.; Birmingham, Ala. (Mar. 17-Apr. 5, 1916).	To inspect work being conducted at various stations of the bureau.	197.38
Menge, G. A.	Dairy chemist....	do.	Grove City, Pa. (Aug. 20-Sept. 8, 1915).	To supervise the installation and initial operation of milk-condensing equipment at Grove City, Pa.	61.42
Do.	do.	do.	Louisville, Ky.; Fort Wayne, Ind.; Columbus, Newark, Ohio (Feb. 5-16, 1916).	To attend the ninth annual convention of the National Canners' Association at Louisville, Ky., to obtain information to be used in the bureau's investigations, and to visit condensed milk plants in Ohio for the same purpose. To Fort Wayne, Ind., to inspect equipment purchased by the bureau.	101.12
Do.	do.	do.	Grove City, Pittsburgh, Pa. (June 5-17, 1916),	To give instructions in the operation of milk-condensing equipment installed at the Grove City creamery and to consult purchasers and consumers of condensed milk manufactured at the Grove City creamery.	53.26

Mercer, J. E.,.....	Administrative assistant.	Atlanta, Ga., and near-by points (Aug. 3-9, 1915).	To advise with the committee on fish and game of the Legislature of Georgia concerning the protection of birds, especially the migratory species under Federal jurisdiction, for the purpose of securing closer cooperation with the State in enforcing the Federal migratory-bird law. To confer with district inspectors and review work of enforcing the migratory-bird law.	53.55
Do.....	do.....	do.....	To secure data concerning the flight of migratory birds at the openings of the shooting season, and to confer with inspectors, Federal wardens, and others interested in the migratory-bird law.	17.06
Do.....	do.....	do.....	To confer with college officials and extension directors in relation to progress of work.	66.89
Mercier, W. B.,.....	Agriculturist and field agent.	Baltimore, Harve de Grace, Md. (Oct. 30-Nov. 2, 1915).	To inspect farmers' cooperative demonstration work; confer with college officials and extension directors, and inspect agricultural extension work.	214.65
Do.....	States Relations Service,	Clemson College, S. C.; Auburn, Ala. (July 6-10, 1915). Knoxville, Memphis, Tenn.; Jackson, Miss.; Shreveport, Baton Rouge, New Orleans, Alexandria, Port Allen, La.; Little Rock, Fort Smith, Fayetteville, Ark. (July 31-Aug. 31, 1915). Jackson, Miss.; Baton Rouge, New Orleans, La. (Sept. 17-30, 1915).	To attend annual conference of demonstration agents; visit farms and in-estigate work; and to confer with State agents, assistants, and business men in relation to the agricultural outlook in the State.	111.44
Do.....	do.....	Knoxville, Tenn. (Oct. 23-31, 1915).	To inspect progress of farmers' cooperative demonstration work and to confer with college officials, extension directors, and department agents, to conduct and progress of county agent work and plans for future work.	57.18
Do.....	do.....	St. Louis, Mo.; Little Rock, Ark. (Nov. 14-29, 1915).	To confer with States and county agents regarding To examine cooperative demonstration and extension work and to confer with State and department officials in relation to the work.	129.95
Do.....	do.....	Thomasville, Moultrie, Atlanta, Athens, Ga.; Jacksonville, Gainesville, Fla. (Dec. 8-18, 1915).	To examine demonstration and extension work and to confer with officials in relation to their work.	94.84
Do.....	do.....	Jackson, Tupelo, Greenville, Miss.; Talleith, Elizabeth City, Asheville, Waynesville, Chattanooga, Tenn.; Norfolk, Va. (Jan. 16-Feb. 18, 1916); Aberdeen, N. C. (Feb. 22-26, 1916)	To confer with county agents and officials interested in extension work in North Carolina. To confer with county agents and officials in extension work in the Southern States.	208.95
Do.....	do.....	Jackson, Memphis, Knoxville, Tenn.; Little Rock, Ark. (Mar. 5-18, 1916).	To confer with directors of extension work; State and county agents and business men regarding the conduct and progress of farmers' cooperative demonstration work in the South.	47.52
Do.....	do.....	Memphis, Knoxville, Tenn.; Little Rock, Ark. (Mar. 26-Apr. 1, 1916).	To examine demonstration and extension work, and confer with officials in relation to their work.	133.37
Do.....	do.....	Baton Rouge, La. (June 10-22, 1916)	65.80	
			To examine demonstration and extension work, and confer with officials in relation to their work.	92.73

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Merrill, E. C.	Assistant chemist	Chemistry	St. Louis, Mo. (Jan. 22-28, 1916).....	To appear as a witness in a case reported for prosecution.	\$74.75
Do do	do	do	Raleigh, N.C. (Feb. 6-8, 1916).....	do	26.90
Do do	do	do	Savannah, Ga. (Mar. 5-11, 1916).....	do	58.67
Merrill, O. C.	Chief engineer	Forest Service	Fordland, Ore.; San Francisco, Cal. (Sept. 16-Oct. 15, 1915).	To attend water-power conference at Portland and take up certain water-power matters at San Francisco.	238.81
Do do	do	do	Tensacola, Fla.; Asheville, N. C.; Montgomery, Ala. (Feb. 8-15, 1916).....	To inspect certain roads on the forests and areas visited.	99.25
Merrill, T. C.	Medical assistant	Chemistry	Philadelphia, Pa. (Sept. 14-17, 1915).....	To interview witnesses in connection with a case arising under the food-and-drugs act.	24.57
Do do	do	do	Philadelphia, Pa. (Sept. 19-22, 1915).....	To appear as a witness in a case reported for prosecution.	21.45
Do do	do	do	Philadelphia, Pa. (Oct. 13-15, 1915).....	do	42.82
Do do	do	do	Philadelphia, Pa. (Oct. 19-22, 1915).....	do	24.07
Do do	do	do	Philadelphia, Pa. (Oct. 24-25, 1915).....	To attend the annual meeting of the American Association for the Study and Prevention of Infant Mortality.	29.84
Do do	do	do	Columbus, Atlanta, Ga.; Seneca, Greenville, S.C. (Dec. 1-16, 1915).	To interview prospective witnesses in a case arising under the food-and-drugs act and to appear as a witness in a case reported for prosecution.	115.35
Do do	do	do	Ocala, Fla. (Jan. 13-19, 1916).....	To appear as a witness in a case reported for prosecution.	70.91
Do do	do	do	Raleigh, N.C. (Feb. 2-9, 1916). Chicago, Ill.; Omaha, Nebr.; Denver, Colo.; Salt Lake City, Utah; Spokane, Wash.; Coeur d'Alene, Priest River, Idaho; Portland, Ore.; Sisson, Red Bluff, Morgan Springs, San Francisco, Berkeley, Chico, and other points in California, Albuquerque, N. Mex., Kansas City, St. Louis, Mo.; Cincinnati, Ohio (July 1-Sept. 26, 1915).	To inspect work in progress, and study diseases of forest and ornamental trees and shrubs, and confer with field men, cooperators, and others, regarding investigations in forest pathology.	36.08
Metcalfe, Haven....	Pathologist	Plant Industry	Hartford, Conn.; Boston, Mass.; Providence, R. I. (Nov. 10-11, 1915).....	To study the chestnut tree bark disease.	3.75
Do do	do	do	Boston, Mass. (Dec. 20-23, 1915).	do	62.48
Do do	do	do	Philadelphia, Pa. (Mar. 2-10, 1916).....	To confer with collaborators concerning white pine blister rust.	41.64
Do do	do	do	New York, Albany, N. Y.; Providence, R. I.; Boston, Amherst, Mass.; White River Junction, Vt. (Mar. 24-Apr. 1, 1916).	To inspect work in progress, and arrange further cooperative experiments for the eradication of white pine blister rust.	14.95
Do do	do	do	Philadelphia, Pa.; New Brunswick, N. J. (Apr. 25-26, 1916).	do	175.45
					9.55

Do.....	.....do.....	.....do.....	To study diseases of forest and ornamental trees	113.50
Do.....	.....do.....	.....do.....	Madison, Wis.; Minneapolis, Minn.; Chicago, Ill.; Wooster, Ohio; Pittsburgh, Pa. (May 6-16, 1916). New York, N. Y. (June 14-15, 1916).....	20.76
Do.....	.....do.....	.....do.....	To study methods of eradicating white pine blister rust.	64.70
Do.....	.....do.....	.....do.....	To continue work on the control of forest-tree diseases and other problems in connection with forest pathology.	178.37
Meyer, H. I.	Assistant in marketing dairy products.	Office of Markets and Rural Organization.	To investigate present facilities of marketing dairy products and to devise means for improving methods now in use of handling and marketing such products.	294.19
Do.....	.....do.....	.....do.....	To investigate the costs and methods of marketing milk and other dairy products.	270.90
Do.....	.....do.....	.....do.....	New York, N. Y.: Providence, R. I.; Boston, Mass. (June 25-28, 1916).	63.19
Artesia, Miss.; Memphis, Tenn.; Chicago, Ill.; Sheboygan, Wis.; Fort Wayne, Ind. (July 1-25, 1915).	.....do.....	.....do.....	To inspect southern creamery butter now in storage and investigate the marketing of dairy products.	100.73
Norfolk, Va.; Boston, Mass.; Montpelier, Burlington, Vt.; Providence, R. I.; New York, N. Y.; Philadelphia, Pa.; Baltimore, Md. (Aug. 15-Oct. 9, 1916).	.....do.....	.....do.....	To investigate methods of marketing creamery and dairy butter and disseminate information regarding the marketing of dairy products.	53.48
York, Harrisburg, Pa.; Columbus, Cincinnati, Ohio; Indianapolis, Ind.; Chicago, Ill.; Buffalo, Little Falls, Utica, New York, N. Y. (Oct. 22-Dec. 3, 1915); Richmond, Norfolk, Va. (Dec. 7, 1915-Jan. 13, 1916).	.....do.....	.....do.....	To investigate the marketing of cheese, butter, and other dairy products.	74.14
Do.....	.....do.....	.....do.....	Points in South Carolina and Georgia (Jan. 30-Feb. 13, 1916).	368.03
Baltimore, Md.; Philadelphia, Pa.; New York, N. Y. (Apr. 6-15, 1916); New York, Albany, Ithaca, N. Y. (Apr. 24-30, 1916).	.....do.....	.....do.....	To investigate marketing of butter, cheese, and milk.	66.03
Various points in the State of New York (May 1-June 30, 1916); Near-by points in the States of Maryland and Virginia, adjacent to the District of Columbia July 23, Sept. 24, 1915).	.....do.....	.....do.....	To test cattle for tuberculosis, horses for glanders, and to supervise interstate shipment of cattle.	265.96
Chicago, La Salle, Utica, Mendota, Arlington, Galesburg, Bushnell, Avon, Youngstown III. (Sept. 25-Dec. 24, 1915).	.....do.....	.....do.....	To assist in eradicating foot-and-mouth disease.....	124.82
Points in the States of Maryland and Virginia in the vicinity of the District of Columbia (Jan. 3-June 30, 1916).	.....do.....	.....do.....	To test cattle for tuberculosis.....	57.24
Boston, Mass.; Concord, Dover, N. H. (Apr. 15-22, 1916).	.....do.....	.....do.....	To make examination of and prepare report on the title to certain lands in New Hampshire sought to be acquired under the Weeks law.	458.64
Office of the Secretary.	Law clerk.	Plant Industry.....	To study conditions for improving the stand and increasing the yield of sugar beets, in connection with sugar-beet investigations.	
Miles, Geo. F. ....	.....do.....	Pathologist.....	Salt Lake City, Ogden, Garland, Utah; Compton, Los Angeles, San Diego, Santa Ana, Oxnard, Fresno, San Francisco, Berkeley, Cal.; Idaho Falls, Billings, Mont.; Fort Collins, Denver, Rocky Ford, Colo.; Scottsbluff, Fremont, Neb.; Toledo, Ohio (July 19-Sept. 9, 1915).	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Miller, E. A.	Specialist in agricultural education.	States Relations Service.	Morganstown, W. Va. (Sept. 7-10, 1915).....	To investigate and report on the teaching of agriculture in schools and to obtain information for use in connection with department work relating to agricultural schools.	\$16.84
Do.	do	do	Harrisonburg, Maurertown, Va. (Sept. 23-24, 1915).....	do	11.30
Do.	do	do	Knoxville, Nashville, Tenn.; Jackson, Starkville, Corinth, Miss. (Oct. 25-Nov. 7, 1915).....	do	153.97
Do.	do	do	Manassas, Va. (Dec. 29, 1915).....	To deliver an address on "Agriculture in rural schools," before a conference of farmers and teachers at Manassas Industrial School.	2.40
Do.	do	do	Berea, Richmond, Lexington, Ky. (Feb. 1-6, 1916).....	To investigate and report on the teaching of agriculture in normal schools and to obtain information for use in connection with department work relating to agricultural schools.	49.67
Do.	do	do	Baltimore, Md. (Mar. 17, 1916).....	To obtain information for use in connection with the department's work relating to agricultural schools.	3.25
Do.	do	do	Cumberland, Frostburg, Md. (Mar. 28-30, 1916).....	To investigate and report upon the teaching of agriculture in schools, and to obtain information for use in connection with department work relating to agricultural schools.	16.39
Do.	do	do	La Plata, Md. (Apr. 28, 1916).....	do	3.57
Do.	do	do	Towson, Md. (May 8-9, 1916).....	do	6.55
Do.	do	do	Red Springs, Raleigh, Greensboro, N. C. (May 12-17, 1916).....	do	27.30
Do.	do	do	Footherville, Md. (June 1-2, 1916).....	do	2.04
Do.	do	do	Clarksburg, W. Va. (June 16-17, 1916).....	To investigate and report on the teaching of agriculture in schools and to obtain information for use in connection with department work relating thereto; to deliver an address on "The teaching of agriculture in rural schools," at the State Teachers' Association of West Virginia.	24.87
Do.	do	do	Farmville, Va.; Johnson City, Murfreesboro, Tenn.; Hattiesburg, Miss. (June 18-30, 1916).....	To investigate and report on the teaching of agriculture in schools and to obtain information for use in connection with department work relating thereto.	31.87
Miller, Frank S.	Office of the Secretary. Clerk		Woodstock, Va. (Dec. 18, 1915-Jan. 8, 1916).....	To do typewriting and other clerical work under direction of the title attorney at Woodstock, engaged in the examination of titles to lands in Virginia, sought to be acquired under the Weeks law.	59.83

Mills, G. H.	Assistant agriculturist.	Office of the Secretary (Farm Management).	Hood River, Medford, Oreg.; Watsonville, Cal.; North Yakima, Wash. (July 1-Sent 24, 1915). Frederick, Md. (Oct. 25-30, 1915).....	To study the cost of producing apples in the States mentioned. To hold a field conference and make a farm survey of 300 farms in Frederick County, Md. To make farm management surveys and secure farm enterprise data.	449.49 14.40 15.90
Miller, H. A.	Agriculturist.	do.....	do.....	To hold a field conference and make a farm survey of 300 farms in Frederick County, Md. To investigate commercial grading of wheat, with special reference to the effect on grading of foreign matter contained in wheat, in connection with grain standardization.	22.29 124.02
Miller, R. C.	Assistant.	do.....	do.....	To secure quotations on spot cotton and information relative to and assisting in the proper execution of the cotton-futures act.	39.25
Mills, T. B., Jr.	Assistant in cotton business methods.	Plant Industry.....	Charlotteville, Haymarket, Warrenton, Va.; Catonsville, Md. (July 19, Aug. 9, Sent 23-24, 1915). Frederick, Md. (Oct. 25-30, 1915).....	To secure information pertaining to the proper enforcement of the United States cotton-futures act.	46.10
		Office of Markets and Rural Organization.	Chillicothe, Columbus, Wooster, Lima, Troy, Ohio; Newcastle, Anderson, Noblesville, Peru, Plymouth, Goschen, Warren, Columbia City, Auburn, Ind.; Hillsdale, Sturgis, Vicksburg, Charlotte, Saginaw, Detroit, Mich.; Buffalo, Lockport, N. Y. (Aug. 31-Sept. 26, 1915). New York, N. Y.; Boston, Mass. (Aug. 18-Oct. 1, 1915). New York, N. Y. (Nov. 23-Dec. 1, 1915).....	To investigate conditions prevailing on the future and spot markets, with special reference to prices of cotton of the grades other than middling and otherwise assisting in the proper enforcement of the provisions of the United States cotton-futures act.	246.85
		do.....	Memphis, Tenn.; Little Rock, Ark.; Shreveport, La.; Dallas and other points in Texas; points in Georgia, South Carolina; Norfolk, Va. (Jan. 27-Feb. 20, 1916).	To secure quotations on spot cotton and information relative to and assisting in proper execution of the United States cotton-futures act.	171.75
		do.....	Boston, Mass.; New York, N. Y. (Mar. 1-Apr. 11, 1916). New York, N. Y.; Fall River, Boston, Mass. (Apr. 28-June 30, 1916). Wayne Junction, Pa. (Dec. 2-4, 1915).....	To secure quotations on spot cotton and assist in the execution of cotton-futures act.	181.40
		do.....	Boston, Mass. (Dec. 26-31, 1915).....	To confer with manufacturers regarding electrical apparatus for use in connection with respiration calorimeter.	19.51
		do.....	New York, N. Y. (Jan. 18-19, 1916).....	To deliver addresses on the home economics work of the department before the American Society of Biological Chemists and to confer with experts in relation to respiration calorimeter work.	43.60
		do.....	Philadelphia, Pa. (May 18-20, 1916).....	To discuss with New York State Commission on ventilation the results of experiments with respiration calorimeter and their application to problems of ventilation.	31.35
		do.....	St. Louis, Kansas City, Mo. (May 6-11, 1916).	To consult with manufacturers regarding special apparatus for use in connection with respiration calorimeter.	13.55
Mintun, G. F.	Clerk.	Office of Markets and Rural Organization.		To assist in collecting and distributing market information on perishable farm products.	64.68

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Mohler, John R.	Assistant chief of bureau.	Animal Industry.....	Pittsburgh, Philadelphia, Pa. (July 6-8, 1915).	To act as witness on behalf of the Government in the case of the Pittsburgh Melting Co. v. Baltimore & Ohio R. R. and an official of the bureau. To confer with the bureau's inspector in charge regarding work under his supervision.	\$33.10
Do.....	.....do.....	.....do.....	Chicago, Ill.; Denver, Colo.; Salt Lake City, Utah; Oakland, Los Angeles, San Francisco, Cal.; Portland, Oreg.; Seattle, Wash.; St. Paul, Minn. (Aug. 23-Sept. 13, 1916).....	To attend meeting of the American Veterinary Medical Association at Oakland, Cal.; also to inspect meat inspection and field stations, public stockyards, and laboratories preparing veterinary biological products.	257.92
Do.....	.....do.....	.....do.....	Philadelphia, Pa. (Nov. 5-6, 1915).....	To confer with State veterinarian of Pennsylvania, to cooperate in the preparation of a paper looking to the uniformity of State regulations in the work of eradicating contagious diseases of animals.	13.30
Do.....	.....do.....	.....do.....	Chicago, Ill. (Nov. 27-Dec. 3, 1915).....	To attend a conference regarding the eradication of foot-and-mouth disease and to attend a meeting of the United States Live Stock Sanitary Association.	72.15
Do.....	.....do.....	.....do.....	Philadelphia, Pa. (Feb. 20-21, 1916).....	To attend a conference with the State veterinarian of Pennsylvania, and his assistants, relative to bureau regulations. To collect samples and secure railroad records.....	13.95
Monarch, J. L.	Clerk and sample collector.	Insecticide and Fungicide Board.....	New York, N. Y.; Jersey City, Newark, N. J.; Manchester, N. H.; Boston, Mass. (Oct. 22-28, 1915). Trenton, N. J. (Feb. 22-23, 1916).....	To appear as witness in a case reported for prosecution under the insecticide act of 1910.	67.40
Do.....	.....do.....	.....do.....	Baltimore, Md. (Apr. 14, 1916).....	To collect samples.....	15.95
Do.....	.....do.....	.....do.....	Philadelphia, Pa. (June 6-7, 1916).....	.....do.....	2.70
Do.....	.....do.....	.....do.....	Norfolk, Cape Henry, Richmond, Va.; Hatteras, Manteo, N. C. (May 10-27, 1916).	To confer with station officials relative to maintenance and operation of sea coast telegraph lines, and with Western Union officials relative to Weather Bureau "circuits,"	14.33
Monroe, J. U.	Chief of division.....	Weather.....	San Francisco, Los Angeles, Cal.; Salt Lake City, Utah; Grand Junction, Colo.; Kansas City, Mo.; Chicago, Ill. (July 1-21, 1915).	To investigate the marketing and distribution of live stock and fruit products and to investigate the operation of cooperative canning plants and the utilization of fruit by-products and the marketing and distributing of fruits.	71.85
Moomaw, C. W.	Specialist in cooperative organization.	Office of Markets and Rural Organization.	Chicago, Ill.; New York, N. Y. (Aug. 1-8, 1915).	To investigate facilities and methods for the marketing and distribution of apples.	199.11
Do.....	.....do.....	.....do.....	.....	.....	90.65

Do.....	.....do.....	To investigate public auction sales of apples to be conducted by New York Department of Foods and Markets, and the facilities and methods employed in the handling, marketing and exportation of potatoes.	44, 46
Do.....	.....do.....	To investigate and make a survey of the conditions surrounding the marketing of the apples of the States named, with the view of assisting in formulating a more efficient plan for the marketing these crops.	367, 73
Do.....	.....do.....	To investigate the methods used and plans contemplated for the handling and marketing of fruits from the Pacific northwest, especially apples, which are handled by cooperative associations, in the way of suggesting constitutions, by-laws, etc.	643, 33
Do.....	.....do.....	To confer with export shippers regarding exports, and issuing of reports on butter and eggs in cold storage.	38, 40
Do.....	.....do.....	En route to Liverpool, England, for the purpose of investigating methods of marketing and export outlook in various countries of Europe.	297, 10
Do.....	.....do.....	To make farm surveys and securing cost accounting records in districts where the sugar beet is grown as one of the staple crops.	487, 96
Do.....	.....do.....	To hold a field conference and making a farm survey of 300 farms in Frederick County, Md.	17, 92
Do.....	.....do.....	To secure farm survey and cost records with reference to the production of sugar beets.	234, 21
Do.....	.....do.....	To study the possibilities of increasing the usefulness of county and community fairs, and other forms of rural cooperation, especially social and educational activities.	43, 83
Borhouse, L. A.....	Agriculturist.....	To confer with State and local leaders in regard to the work of this Office in supplying local communities in the State of Alabama with suggested programs on social and economic topics of community interest.	125, 00
Do.....	.....do.....	To confer with State and local leaders in regard to past and future activities, especially rural social and educational organizations, and assisting in the organization of such activities.	106, 88
Do.....	.....do.....	To study the possibilities of increasing the usefulness of county and community fairs and other forms of rural cooperation, especially social and educational activities also to attend the Southern Sociological Congress and the Southern Conference for Education and Industry, at New Orleans, La., for the purpose of conferring with leaders in social work in the South.	167, 75
Do.....	.....do.....	Various points in the State of Alabama (Feb. 6-17, 1916).	
Do.....	.....do.....	New Orleans, La.; Knoxville, Tenn.; Raleigh, N. C.; Rockville, Md.; Leesburg, Va.; and various points in Alabama (Apr. 10-May 5, 1916).	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employes of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Moran, J. S.	Field assistant in rural organization.	Office of Markets and Rural Organization.	Points in Tennessee, Alabama, and Virginia (June 11-24, 1916).	To continue to make studies among farmers of matters relating to rural cooperation for the improvement of social, educational, and other conditions, and in this connection study types of cooperation for mutual benefit between towns and villages; to confer with leaders regarding community program work in Tennessee, and such other cooperations as relate to social and educational activities in rural communities.	\$131.60
More, F. C.	Clerk.	Office of the Secretary.	Alexandria, Va. (Apr. 10-25, 1916).	To assist in making an inventory of exhibit material belonging to the department at Alexandria, Va.	6.80
More, T. C.	Investigator in grades and standards.	Office of Markets and Rural Organization.	Humboldt, Tenn.; Cairo, Ill.; Borden, Ind.; Louisville, Ky.; Cincinnati, Ohio; Pittsburgh, Pa. (July 14-25, 1915).	To investigate methods of grading, packing, shipping and marketing tomatoes.	107.86
Do. ....	..... do. ....	..... do.	New York, N. Y. (Sept. 22-25, 1915).	To confer with eastern representatives of the California Fruit Growers Exchange, and to investigate marketing conditions of perishable farm products.	25.30
Do. ....	..... do. ....	..... do.	Pittsburgh, Erie, Pa.; points in New York; Philadelphia, Pa. (Oct. 17-27, 1915).	To investigate the preparation, packing, shipping, and marketing of grapes and to study the relative value of various packages used for grapes.	84.31
Do. ....	..... do. ....	..... do.	Cleveland, Ohio (Nov. 16-20, 1915).	To attend the meeting of the National Box and Fruit Package Manufacturers' Association at Cleveland, Ohio.	43.80
Do. ....	..... do. ....	..... do.	Chicago, Ill.; Mason City, Iowa; Omaha, Neb.; Kansas City Mo.; Pittsburgh, Harrisburg, Pa.; Baltimore, Md. (Dec. 12-24, 1915).	To study the grading and handling of potatoes and interviewing the large dealers regarding standards and grades for same, and to take part in the program of the Iowa Potato and Truck Growers Association, meeting at Clear Lake, Iowa.	108.86
Do. ....	..... do. ....	..... do.	Jacksonville, Fla. (Jan. 2-4, 1916).	To attend a conference of shippers and carriers in regard to proper methods of packing, loading, and shipping perishable farm products.	60.15
Do. ....	..... do. ....	..... do.	Savannah, Ga.; Chadbourn, N. C., (Apr. 17-23, 1916).	To discuss with members of the National Basket and Fruit Package Manufacturers' Association, in convention at Savannah, Ga., the advisability of standardization of packages for distribution of farm products.	56.41
Do. ....	..... do. ....	..... do.	New York, N. Y. (May 14-17, 1916)	To confer with transportation men, to discuss methods of preventing loss and damage of perishable commodities in transit, and to investigate terminal facilities for handling perishable commodities for the New York markets.	18.15

Do.....	do.....	To discuss the Maryland apple law, and interview wholesale merchants and fruit distributors, and study community packing houses at various points in the Pacific Northwest.	238 75
Morgan, F. P.....	Medico-chemical analyst.	To appear as witness in a case reported for prosecution.	13. 42
Do.....	do.....	Philadelphia, Pa. (Sept. 17, 1915).....	19. 31
Do.....	do.....	Nashville, Tenn. (Sept. 19, 22, 1915).....	64.60
Do.....	do.....	Seattle, Wash. (Oct. 6-27, 1915).....	214. 55
Do.....	do.....	St. Louis, Mo.; Indianapolis, Ind.; Pittsburgh, Pa.; Baltimore, Md. (Oct. 29-Nov. 5, 1915). Cleveland, Ohio; Chicago, Ill.; Madison, Wis.; Pittsburgh, Pa. (Nov. 25-Dec. 6, 1915).....	84.23
Do.....	do.....	Nashville, Tenn. (Dec. 14-23, 1915).....	68.35
Do.....	do.....	Chicago, Ill.; Salt Lake City, Utah; St. Louis, Mo. (Jan. 5-28, 1916).....	82.70
Do.....	do.....	Trenton, N. J.; Chicago, Ill. (Feb. 15-Mar. 5, 1916).....	236.03
Do.....	do.....	Richmond, Va. (Mar. 31-Apr. 4, 1916).....	129.90
Do.....	do.....	Peoria, Ill. (Apr. 16-19, 1916).....	23.70
Do.....	do.....	New York, N. Y.; Hartford, Conn.; New Haven, Conn.; Indianapolis, Ind. (Apr. 28-May 5, 1916).....	(63.48 8.77
Do.....	do.....	Hartford, New Haven, Conn. (May 12, 1916).....	52.71
Do.....	do.....	Detroit, Mich. (June 8-15, 1916).....	65.60
Do.....	do.....	Roanoke, Va. (June 16-20, 1916).....	28.55
Morgan, W. J.....	Assistant chemist.	Indianapolis, Ind. (Nov. 1, 4, 1915).....	53.21
Do.....	do.....	Trenton, N. J. (Feb. 22-23, 1916).....	15.90
Morrill, C.....	Law clerk.	New York, N. Y. (Aug. 29-Sept. 4, 1915).....	61.00
Do.....	do.....	Knoxville, Memphis, Tenn.; New Orleans, La.; Montgomery, Ala.; Smithville, Alabany, Atlanta, Ga. (June 29-30, 1916).....	179.73
Morrison, Harold.....	Entomological inspector	Norfolk, Va., and vicinity (Apr. 12-28, 1916). Federal Horticultural Board.	97.21
Moser, W. E.....	Assistant in refrigeration.	Cleveland, Ohio (Sept. 6-12, 1915).....	34.01
Do.....	do.....	Plant Industry.....	90.74
H. Doc. 1440, 64-2—9		Hall Rochester, Albion, Medina, Spencerport, Fitchburg, Coxsackie, Highland, N. Y. (Feb. 22-Mar. 4, 1916).	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Mosher, W. E.	Assistant in refrigeration.	Plant Industry	Pittsburgh, Pa. (May 30-June 4, 1916)	To study the effect of different methods of refrigeration upon experimental and other shipments of fruit and vegetables, in connection with horticultural investigations.	\$40.25
Moss, Melvin.	Scientific assistant in dairying.	Animal Industry	Beltsville, Md. (Dec. 21, 1915-May 16, 1916) (various trips).	To make official tests of dairy herd at Beltsville Experimental Farm for advanced registry.	3.50
Murphy, L. S.	Forest examiner.	Forest Service	Points in New Hampshire and Maine (July 1-Aug. 18, 1915).	To reexamine permanent forest sample plots in cooperation with the New Hampshire Agricultural College and to inspect fire protection work under the Weeks law.	213.11
Do.....	do.....	do.....	Boston, Mass. (Jan. 19-22, 1916)	To confer with collaborators with regard to cooperative fire protection work under the Weeks law.	36.56
Do.....	do.....	do.....	Augusta, Me. (June 6-30, 1916)	To inspect cooperative fire protection work under the Weeks law.	65.92
Murray, A. G.	Assistant chemist.	Chemistry	Philadelphia, Pa. (Oct. 19, 1915)	To confer with the United States attorney in regard to a seizure under the food and drugs act.	8.63
Nahstoll, G. A.	Assistant in market business practice.	Office of Markets and Rural Organization.	Richmond, Petersburg, Va. (July 7-13, 1915).	To supervise the operation of the accounting systems installed by this office in the office of the Farmers' and Consumers' Cooperative Co. and the Southwest Exchange.	27.40
Do.....	do.....	do.....	Various points in the States of Michigan, Illinois, Iowa and Pennsylvania (July 18-Nov. 21, 1915).	To make further investigations in connection with creamery accounting and the installation of systems devised by this office for experimental purposes.	704.90
Do.....	do.....	do.....	Clemson College, Greenville, S. C. (Dec. 7-22, 1916).	To install for experimental purposes systems of accounting devised by this office for creameries and cheese factories, operated by farmers' cooperative associations.	66.10
Do.....	do.....	do.....	Points in Pennsylvania, Michigan, Illinois, Minnesota, and Wisconsin (Jan. 1-Mar. 4, 1916).	To install for experimental purposes in one or two creameries in each of these States the system of creamy accounts devised by this office.	312.07
Do.....	do.....	do.....	Trenton, N. J. (Mar. 10-11, 1916)	To assist the Farmers' Cooperative Purchasing Society of Trenton in perfecting a set of accounting records for their use, the same to be used for demonstration purposes.	7.65
Do.....	do.....	do.....	Chicago, Ill.; Omaha, Nebr. (Mar. 25-Apr. 12, 1916).	To examine books of Louisiana Distributing Co., and learn their methods used in the distribution of strawberries.	145.61

Do.....	.....do.....	.....do.....	515.69
Nally, B. F.....	Laboratory helper.....	Chemistry.....	
Neal, W. C.....	Assistant in cotton classing.	Office of Markets and Rural Organization.	
Nealon, E. J.....	Assistant chemist.	Insecticide and fungicide board.	
Nellis, J. C.....	Forest examiner.....	Forest Service.....	
Do.....	.....do.....	.....do.....	
Nelson, E. K.....	Chief, essential oils laboratory.	Chemistry.....	
Do.....	.....do.....	.....do.....	
Nelson, E. W.....	Assistant chief, Biological Survey.....	Biological Survey.....	
Do.....	.....do.....	.....do.....	
Do.....	.....do.....	.....do.....	
Chicago, Ill.; Denver, Grand Junction, Colo.; Salt Lake City, Utah; Payette, Idaho; Portland, Ore.; Seattle and other points in Washington (Apr. 28-June 30, 1916).	To investigate the systems of accounting in use in associations, subcentrals, etc., in order to devise uniform systems of accounting for these organizations, also for the purpose of carrying on investigations, in order to develop systems of gathering costs in orchards and proposed community packing houses.	To assist in a special investigation relative to interstate shipments of milk and other dairy products.	47.90
New York, N. Y.; Providence, R. I.; Bellows Falls, Vt.; Winchendon, Mass. (June 16-30, 1916); New Orleans, La. (continuance of trip started in previous fiscal year) (July 1-Aug. 26, 1915).	To secure relative information and assist in the proper execution of the provisions of the United States cotton-futures act.	To appear as witness in a case reported for prosecution, under the insecticide act of 1910.	228.60
Trenton, N. J. (Feb. 22-23, 1916).....		To do industrial investigation work connected with the cooperative agreement with the National Lumber Manufacturers' Association.	15.90
Chicago, Ill.; Madison, Wis. (Dec. 20-24, 1915), Points in South, Central, and Northern States (Mar. 29-Apr. 12, 1916).	To secure from large mills who had failed to report data on production of lumber, lath, and shingles in 1915.	To secure from large mills who had failed to report data on production of lumber, lath, and shingles in 1915.	56.75
Chicago, Ill.; Madison, Wis. (May 27-June 14, 1916).	To attend meeting of the National Lumber Manufacturers' Association and to confer with members of the staff of the forest products laboratory.	To attend meeting of the National Lumber Manufacturers' Association and to confer with members of the staff of the forest products laboratory.	77.94
Various points in Connecticut, New York, New Jersey, Pennsylvania, and Maryland (June 16-29, 1916).	To inspect experimental chestnut ties, poles, and posts, to secure additional information relating to the lumber-industry study, and to obtain data on lumber piling and the manufacture of boxes.	To inspect experimental chestnut ties, poles, and posts, to secure additional information relating to the lumber-industry study, and to obtain data on lumber piling and the manufacture of boxes.	81.92
Chicago, Ill. (Oct. 11-24, 1915).....	To conduct an investigation of the use of exhausted cloves, ginger, and capsicum as adulterants.	To conduct an investigation of the use of exhausted cloves, ginger, and capsicum as adulterants.	60.30
St. Louis, Mo.; Chicago, Ill.; Toledo, Cleveland, Ohio (Nov. 2-11, 1915). Jacksonville, Fla. (Dec. 6-12, 1915).....	.....do.....	.....do.....	55.87
St. Louis, Mo. (Jan. 22-28, 1916). Chicago, Ill. (Feb. 28-Mar. 4, 1916). Richmond, Va. (Apr. 3-4, 1916). New York, N. Y. (Aug. 3-6, 1915).....	To appear as a witness in a case reported for prosecution.	To appear as a witness in a case reported for prosecution.	66.60
	.....do.....	.....do.....	76.95
	.....do.....	.....do.....	66.70
	.....do.....	.....do.....	12.40
	.....do.....	.....do.....	30.00
Various points in California and Arizona (Oct. 19-Dec. 6, 1915).	To consult with organizations and individuals concerning cooperation with the bureau in connection with investigations relating to migratory waterfowl and the conservation of game birds and mammals.	To consult with field employees and with local officials and individuals concerning the various activities of the bureau.	220.80
New York, N. Y. (Dec. 11-14, 1915).....	To confer with individuals and organization regarding proposed movement to secure a national program for game conservation.	To confer with individuals and organization regarding proposed movement to secure a national program for game conservation.	16.40

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Nelson, E. W.	Assistant chief, Biological Survey....	New York, N. Y. (Apr. 4-6, 1916).....	To consult with officials of organization and others concerning proposed changes in the regulations under the Federal migratory-bird law.	\$16.15	
Nelson, J. W.	Inspector of grazing....	Exposition Park, Pa. (Sept. 5-16, 1915).....	To address the Wild Life League of Pennsylvania on wildlife conservation in the national forests and what the Forest Service is doing to preserve it.	37.05	
Neumann, L. D.	Clerk.....	Charleston, W. Va. (Nov. 1-25, 1915).....	To copy grants affecting lands in West Virginia sought to be acquired under the Weeks law.	\$3.99	
Do.	do.....	New York, N. Y. (Jan. 18-23, 1916).....	To investigate charges preferred against bureau officials.	39.90	
Newman, W. S.	Veterinary inspector	Salina and other points in Utah (May 31-June 2, 1916)	To assist in poisonous-plant investigations.....	3.35	
Newton, R. L.	Assistant in warehouse investigations.	Columbia, S. C.; Augusta, Ga. (July 20-24, 1915).	To confer with cotton-warehouse men, cotton dealers, farmers, and business men in regard to storing, handling, and marketing cotton.	75.33	
Do.	do.....	New Orleans, La.; Galveston, Houston, Austin, San Antonio, Tex., Memphis, Tenn. (Aug. 10-14, 1915).	.....do.....	240.45
Do.	do.....	Various points in Arkansas, Tennessee, and Texas (Oct. 1, 1915-Jan. 31, 1916).	.....do.....	526.92
Nixon, R. L.	do.....	St. Louis, Mo.; Austin, Waco, San Antonio, Tex.; New Orleans, La.; Atlanta, Athens, Jefferson, Ga. (Mar. 7-28, 1916).	To make investigations in the methods of handling, storing, and marketing of cotton, and attend a convention of the marketing and warehousing association of Texas, and deliver an address on the subject of storing, handling, and marketing cotton.	204.96	
Do.	do.....	Memphis, Tenn.; New Orleans, La.; Montgomery, Ala.; Smithville, Albany, Atlanta, Athens, Ga. (June 20-30, 1916).	To investigate the methods of handling, storing, and marketing cotton.	178.70	
Norcross, T. W.	Assistant chief engineer.....	Ozark and Arkansas National Forests (Sept. 13-19, 1915).	To inspect road-construction work on the Ozarks and to confer with the supervisor of the Arkansas, Missoula, Mont.; Denver, Colo.; Albuquerque, N. Mex.; Ogden, Utah; San Francisco, Cal.; Portland, Oreg. (Feb. 23-Mar. 20, 1916).	109.58	
North, W. R., Jr.	Junior bacteriologist.....	Philadelphia, Pa.; New York, N. Y.; Boston, Mass.; Eastport, Bangor, Me. (May 6-21, 1916).	To assist in the investigations being conducted on sardines.	324.30	
Do.	do.....	Philadelphia, Pa.; Providence, R. I.; Worcester, Mass.; Bellows Falls, Vt. (June 13-30, 1916).	To assist in a special investigation relative to interstate shipments of milk and other dairy products.	74.90	
					63.48

Oakley, R. A.....	Agronomist in charge, purchase and distribution of valuable seeds.	Plant Industry.....	New London, Elyria, Wellington, Ohio; Huron, Bedford, Aberdeen, S. Dak.; Saskatoon, Canada; Billings, Mocasin, Mont.; American Falls, Idaho; Salt Lake City, Utah; Rocky Ford, Colo.; Itasca, Manhattan, Kans. (July 23-Sept. 12, 1915).	To investigate the breeding and seed production of alfalfa, and inspect tests under way for the department in connection with forage crop investigations.	381.37
Do.....	do.....	do.....	Highland, Pa. (Oct. 26-27, 1915); do.....	To take notes on grass experiments.	16.90
Do.....	do.....	do.....	Highland, Pa. (June 5-7, 1916); do.....	To inspect and take notes on variety tests of alfalfa.	14.30
Do.....	do.....	do.....	Port Conway, Fredericksburg, Va. (June 29-30, 1916).	To inspect and take notes on variety tests of alfalfa.	6.90
Oberholser, H. C.....	Assistant biologist.....	Biological Survey.....	Various points in Nebraska; Pittsburgh, Pa. (Oct. 2-29, 1915).	To investigate number and distribution of migratory waterfowl in Nebraska; to examine collections in Carnegie Museum, Pittsburgh, to secure needed scientific data in connection with the work of the bureau.	327.61
Do.....	do.....	do.....	Various points in North Dakota (June 19-30, 1916).	To investigate the breeding of migratory waterfowl in North Dakota.	120.90
O'Brien, Luke C.....	Clerk.....	Animal Industry.....	Chicago, Ill. (Oct. 4-9, 1915).	To assist in the investigation of the alleged contamination of antidiog-cholera serum with foot and mouth.	64.95
Do.....	do.....	do.....	Chicago, Ill. (Nov. 27-Dec. 2, 1915).	To attend a conference regarding the eradication of foot-and-mouth disease.	64.40
Do.....	do.....	do.....	Kansas City, Kans. (Apr. 11-17, 1916).	To make stenographic report of the virus-serum conference.	91.00
O'Brien, W. J.....	Scientist in soil-laboratory investigations.	Soils.....	Various points in the States of New York, New Jersey, and Connecticut (June 5-8, 1916).	To obtain specifications and consult with manufacturers and engineers on the subject of air compressors so as to enable the bureau to prepare for use in the Arlington Farm Laboratory in connection with experiments on the fixation of atmospheric nitrogen by what is known as the Haber process.	25.03
Obst, M. M.....	Bacteriological chemist.....	Chemistry.....	Jacksonville, Live Oak, Hampton, Springs, Fla. (July 8-13, 1915).	To conduct bacteriological examinations in connection with the enforcement of the food-and-drugs act.	81.05
Do.....	do.....	do.....	Concordia, Rochester, Cayuga, N. Y. (Sept. 6-14, 1915).	do.....	56.85
Do.....	do.....	do.....	Philadelphia, Pa. (Oct. 14-15, 1915).	do.....	18.27
Do.....	do.....	do.....	Cross Hill, Harris Springs, Greenwood, S. C. (Oct. 31-Nov. 3, 1915).	To conduct investigations relative to the handling, packing, canning, and transportation of fish, and the utilization of waste products.	41.58
Do.....	do.....	do.....	New York, N. Y.; Boston, Mass.; Rockland, Boothbay Harbor, Wisasset, Portland, Me. (Nov. 15-20, 25-30, 1915).	To appear as a witness in a case reported for prosecution.	68.39
Do.....	do.....	do.....	St. Louis, Mo. (Nov. 21-25, 1915).	To make a special investigation of the mineral wells in the vicinity of Mineral Wells, Tex., and to attend the meeting of the Society of American Bacteriologists at Urbana, Ill.	100.38
Do.....	do.....	do.....	Fort Worth, Tex.; St. Louis, Mo.; Bremen, Auburn, Ill.; Indianapolis, Ind. (Dec. 12-31, 1915).	To make a special investigation of the mineral wells in the vicinity of Mineral Wells, Tex., and to attend the meeting of the Society of American Bacteriologists at Urbana, Ill.	168.09

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Obst, M. M.	Bacteriological chemist.	Chemistry.....	New York, N. Y.; Boston, Mass.; Eastport, Me. (May 7-25, 1916).	To appear as a witness in a case reported for prosecution in Boston and to conduct bacteriological examinations in connection with the enforcement of the food and drugs act.	\$156.08
Do	do	do	Baltimore, Md. (June 1, 1916).....	To conduct bacteriological examinations in connection with the enforcement of the food and drugs act.	2.25
Do	do	do	York, Pa. (June 5-8, 1916).....	do	23.21
Do	do	do	Baltimore, Md. (June 29-30, 1916).....	To conduct investigations relative to the handling, packing, canning, and transportation of fish, and the utilization of waste products.	16.22
Olmsted, A. J.	Photographer.	Division of Publications.	Denver, Colo.; Mandan, N. Dak.; Billings, Montana; Akron, Colo.; Colby, Wis.; Kansas City, Mo. (July 20-Aug. 21, 1915). Chicago, Ill. (Aug. 16-20, 1915).....	To secure photographs illustrating the work of the Department of Agriculture relating to methods, products, and processes of farming in the sub-humid regions of the United States.	320.20
Do	do	do	Beltsville, Md. (Feb. 17-19, 1916).....	To make photographs for use in demonstrating activities of the Bureau of Animal Industry.	28.38
Onsrud, E. A.	Scientific assistant.	Animal Industry.....	Purcellville, Leesburg, Va.; Harpers Ferry, W. Va. (May 11-18, 1916).	To make official tests of dairy herd at Beltsville experimental farm for advanced registry.	1.50
Do	do	do	Mitchell, Culpeper, Rapidan, Va. (June 22-24, 1916), Denver, Colo. (Sept. 10-Oct. 17, 1915).....	To organize a cow testing association in Loudoun County, Va., and to attend a meeting of the Loudoun County Farmers' Club.	18.23
Do	do	do	Office of the Secretary.	To give advice regarding the construction and remodeling of dairy barns and milk houses.	8.00
Ormsby, A. A.	Assistant chief clerk.	Plant Industry.....	Plattsburgh, Malone, N. Y. (July 1-5, 1915).	To assist in the installation and demonstration of the exhibit of the Bureau of Animal Industry at the International Dry Farm Congress, Denver, Colo.	222.63
Orton, W. A.	Pathologist in charge of cotton and truck crop disease investigations.	do	Geneva, Greenport, Brooklyn, N. Y.; Rahway, N. J. (July 5-11, 1915), Highlands, N. C.; Clemson College, S. C. (July 24-29, 1915).	To consult with State officials and quarantine inspectors relative to the potato quarantine.	25.23
Do	do	do	Moorestown, N. J.; Presque Isle, Houlton, Me.; Boston, Mass.; St. Albans, Burlington, Rutland, Vt. (Aug. 10-26, 1916.)	To investigate potato and truck crop diseases..... To investigate diseases of potatoes, and to confer with station officials regarding cooperative cotton experiments.	44.62
Do	do	do		To investigate tomato potato, and other crop diseases, and confer with State officials relative to potato inspection and certification.	73.49
					109.29

31.65

		To confer with the board's inspector relative to the importations of nursery stock, potatoes, and other plants and plant products under regulation.	31.65
Do	do	To confer with cooperators in truck crop disease investigations, and to participate in a conference on seed potato inspection standards.	33.04
Do	do	To investigate encumbrance diseases.	25.10
Do	do	To confer with the college officials and county agents relative to the control of cotton diseases.	53.80
Do	do	To confer with officials of the university relative to cooperative work on bean, potato, and encumber diseases.	26.01
Do	do	To confer with State and other officials regarding watermelon diseases.	39.05
Do	do	To investigate the different grades of waste arising in the manufacture of cotton in relation to the regulation of utilization of waste from foreign cottons.	4.41
Do	do	To confer with the canners and other authorities relative to tomato disease.	14.65
Do	do	To confer with State pathologists, extension leaders and county agents relative to the inauguration of demonstration work for plant-disease control in connection with farm demonstrations in Northern and Western States.	21.07
Do	do	To inspect experimental fields of potatoes, and study potato diseases.	78.44
Do	do	To perform clerical services.	21.10
Do	do	To photograph county and community fairs being studied by representatives of the Office of Markets and Rural Organization.	4.50
Osoinach, J. A.	Private secretary to the Assistant Secretary. Photographer	To photograph grading and packing operations and packing houses in the apple orchards near Waynesboro, Va.	2.50
Pack, W.	Office of Markets and Rural Organization	To attend International Road Congress.	12.20
Do	do	To attend meeting of the American Society for Testing Materials.	49.32
Page, L. W.	Director	To secure information regarding the manufacture of cordials and other alcoholic liquors.	38.95
Do	Office of Public Roads and Rural Engineering	Chemistry	449.01
Paine, H. S.	Assistant chemist	Assistant chemist	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Palkin, Samuel	Assistant chemist	Chemistry	Philadelphia, Pa. (Oct. 19-22, 1915)	To appear as a witness in a case reported for prosecution.	\$19.21
Do.	do	do	Philadelphia, Pa. (Oct. 25, 1915)	do	10.36
Do.	do	do	Oakland, Fla. (June 16-18, 1916)	do	61.67
Do.	do	do	New York, N. Y.; New Haven, Conn. (May 15-19, 1916)	do	61.60
Do.	do	do	Chicago, Ill.; Kansas City, Mo.; Wichita, Kans. (May 20-27, 1916)	To visit flour mills in connection with the necessary preparation for trial of bleached-flour case, seal and No. 514.	105.80
Palmore, J. L.	do	do	Indianapolis, Ind. (Nov. 2-5, 1915)	To appear as a witness in a case reported for prosecution.	52.71
Park, J. W.	Assistant in market surveys.	Office of Markets and Rural Organization.	Indianapolis, Ind.; St. Louis, Kansas City, Mo.; Chicago, Ill. (July 16-Oct. 4, 1915).	To interview transportation officials, commission merchants, and others interested in the raising and marketing of perishable products, especially peaches, tomatoes, and cantaloupes, in order to establish a limited market news service.	376.98
Parker, C. E.	Assistant chemist	Chemistry	Denver, Colo. (Oct. 9-11, 1915)	To be permanently assigned to Denver, Colo., by transfer from Washington, D. C.	61.41
Parker, E. G.	Scientist in soil laboratory investigations.	Soils	New York, N. Y.; Rutherford, N. J. (July 14-17, 1915).	To investigate methods used by dye makers in extracting lime and magnesium from water by absorption, and to obtain other information which may be used in connection with absorption studies.	27.68
Parker, H. B.	Specialist in cotton classing.	Office of Markets and Rural Organization.	Norfolk, Va.; Charleston, S. C.; Savannah, Ga. (July 1-7, 1915).	To inspect and select bales of blue, tinged, and stained cotton representative of the eastern portion of the cotton belt, to be used in the preparation of standards for this class of cotton.	52.10
Do.	do	do	New York, N. Y. (July 15-16, 1915)	To obtain data for use in the enforcement of the United States cotton futures act.	26.40
Do.	do	do	Norfolk, Va. (July 25-27, 1915)	To inspect and select cotton for use in the preparation of the official cotton standards of the United States.	21.30
Parks, G. H.	Architect.	Animal Industry	Beltsville, Md. (July 2-7, and 11-28, 1915).	To supervise the construction of Government buildings.	1.78
Do.	do	do	Boston, Littleton, Mass. (July 8-10, 1915).	To inspect construction work at quarantine station.	37.06
Do.	do	do	Littleton, Mass. (July 29-Aug. 1, 1915)	To inspect repairs on building on the United States quarantine station.	43.03
Do.	do	do	Beltsville, Md. (Aug. 4-7, 1915; Aug. 21-Sept. 8, 1915; Sept. 14-Oct. 27, 1915). (Various trips)	To supervise the construction and equipping of an abattoir building at the Government farm.	7.16
Do.	do	do	St. Joseph, Kansas City, Mo. (Aug. 8-20, 1915).	To inspect a packing house at St. Joseph, Mo., as a member of the board of survey to make a report on the sanitary condition of an official establishment at Kansas City, Mo.	123.30

Do.....	do.....	To inspect building in which Federal inspection is maintained.	42.86
Do.....	do.....	To confer with the officials of a local packing establishment relative to the sanitary construction of their plant.	30.30
Do.....	do.....	To supervise the constructing and equipping of abattoir at the United States Experimental Farm.	3.07
Do.....	do.....	To supervise the installation of equipment in the abattoir at the United States Experimental Farm.	2.38
Do.....	do.....	do.....	2.98
Do.....	do.....	do.....	2.04
Do.....	do.....	To superintend the installation of machinery at a creamery.	79.68
Parks, Karl E.....	Dairy engineer.....	To supervise the construction work of the experimental creamery at Grove City, Pa., and to confer with contractors at Pittsburgh.	32.55
Do.....	do.....	To supervise the construction of experimental creameries, a silo, and to confer with contractor at Pittsburgh.	61.51
Do.....	do.....	To supervise the installation of equipment in an experimental creamery.	42.26
Do.....	do.....	To inspect the dairy buildings at the experimental farm at Beltsville, Md.; to inspect dairy barn at Ppton, Va.; to supervise the installation of equipment in the bureau's dairy laboratory.	35.30
Grove City, Pa. (Aug. 9-11, 1915).	Grove City, Pa. (Sept. 7-26, 1915).	To inspect a dairy farm.	33.15
Grove City, Pa. (Oct. 24-30, 1915).	Grove City, Pa. (Nov. 2-10, 1915).	To make a survey of the New Iberia Live Stock Experiment Farm and to consult the superintendent regarding the construction of buildings.	141.70
Beltsville, Md.; Ppton, Va.; Grove City, Pa. (Nov. 2-10, 1915).	Harrisburg, Pa. (Feb. 2-4, 1916),	To obtain statistics on road mileage, revenues, and expenditures.	10.05
New Iberia, La. (Apr. 17-May 5, 1916).	Albany, N.Y. (Feb. 9-16, 1916)	do.....	44.40
Do.....	New York, N.Y.; Philadelphia, Pa. (Aug. 29-Sept. 2, 1916).	To investigate the mushroom canning industry and confer with commission merchants and others relative to mushroom growing.	18.95
Do.....	Philadelphia, West Chester, Pa. (Apr. 3-5, 1916).	To consult with seedsmen, growers, and others regarding mushroom spawn; and to study rose diseases.	11.94
Do.....	Chattanooga, Va. (May 23-26, 1916).	To investigate a serious outbreak of rose canker.	17.10
Tasse, Dene.....	Philadelphia, Harrisburg, Pa. (July 20-23, 1915).	To assist in adjusting the amounts to be paid by the State of Pennsylvania and the Department of Agriculture for the eradication of foot-and-mouth disease in the State of Pennsylvania.	26.71
Patterson, F. W.....	Clerk.....	Animal Industry.....	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Peffers, H. B.	Clerk	Animal Industry	Chicago, Ill; Bushnell, Ill.; Liberty, Pa. (Nov. 10-20, 1915).	To Chicago, Ill., to obtain statement of expenses incurred by owners of animals quarantined by Government and State of Illinois; to Bushnell, Ill., to inspect method of keeping and handling accounts; to Liberty, Pa., to investigate claim presented to the Government for animals destroyed on account of foot-and-mouth disease.	\$32.44
Do.....	do.....	do.....	Chicago, Ill. (Jan. 23-29, 1916)	To secure information regarding expenses incurred by owners of dairy stock animals while they were quarantined by the Government.	71.50
Peirce, V. M.	Chief of construction	Office of Public Roads and Rural Engineering.	Boston, Mass. (Sept. 12-30, 1915)	To inspect and supervise field work	55.70
Do.....	do.....	do.....	Kansas City, Mo.; Dyersville, Iowa; Fort Wayne, Ind. (Oct. 22-Nov. 5, 1915).	do.....	183.73
Do.....	do.....	do.....	Atlanta, Ga. (Dec. 15-19, 1915).	do.....	60.88
Do.....	do.....	do.....	Mount Vernon, Va. (Jan. 3, 1916).	do.....	34.05
Do.....	do.....	do.....	New York, N. Y. (Jan. 19-23, 1916).	do.....	50
Do.....	do.....	do.....	Chicago, Ill. (Feb. 13-20, 1916).	do.....	76.60
Pennybacker, J. E.	Chief of road economics	do.....	Atlanta, Ga. (July 23-30, 1915)	To give advice and lecture on road management.	71.30
Do.....	do.....	do.....	Atlanta, Ga. (Aug. 27-31, 1915)	To investigate convict-labor demonstration camp.	60.86
Do.....	do.....	do.....	Atlanta, Ga. (Oct. 23-30, 1915)	do.....	86.95
Do.....	do.....	do.....	New York, N. Y. (Dec. 11-14, 1915).	To make State highway department studies.	12.10
Do.....	do.....	do.....	Atlanta, Ga. (Jan. 11-16, 1916)	To investigate convict-labor demonstration camp.	55.00
Do.....	do.....	do.....	Richmond, Va. (Jan. 19, 1916)	To give lecture and advice in road management.	5.80
Do.....	do.....	do.....	Norfolk, Va. (Feb. 7, 1916)	To make State highway department studies.	16.10
Do.....	do.....	do.....	Newark, N. J. (May 24-26, 1916)	To make convict-labor studies.	39.11
Do.....	do.....	do.....	New Orleans, Baton Rouge, La. (June 21-30, 1916).	To give advice and lectures on road management.	117.34
Peters, J. G.	Chief of State cooperation.	Forest Service.	Points in North Carolina (July 6-10 1915).	To initiate proposed Weeks law cooperative fire protection work in North Carolina.	50.02
Do.....	do.....	do.....	Points in West Virginia, Illinois, Michigan, Wisconsin, Minnesota, Colorado, and Texas. (Sept. 30-Nov. 24, 1915.)	To inspect the Weeks law cooperative fire protection work in the States visited.	412.23
Do.....	do.....	do.....	Points in northeastern States. (Dec. 2-8, 1915.)	To confer with State forestry officials on Weeks law forest fire cooperation.	65.25
Do.....	do.....	do.....	Baltimore, Md. (Jan. 10, 1916)	To confer with the head of the State legislative reference department on forestry legislation.	5.75
Do.....	do.....	do.....	Boston, Mass. (Jan. 16-29, 1916)	To attend meetings of the American Forestry Association and of the Society of Northeastern Foresters and of the collaborators employed in carrying out the provisions of the Weeks law.	47.90

			10.58
Do.....	do.....	do.....	To appear before the legislative committee at its request, on behalf of a proposed forestry bill.
Do.....	do.....	do.....	To discuss a proposed forestry bill before a committee of the State legislature.
Do.....	do.....	do.....	To attend and address a forest-fire congress, and to confer with the public domain commission on the cooperative fire protection work under the Weeks law for the coming year.
Do.....	do.....	do.....	To confer with State authorities and private timberland owners in connection with cooperative fire-protection work under the Weeks law in West Virginia.
Do.....	do.....	do.....	To confer with State foresters and members of protective organizations concerning Weeks law cooperative fire-protection work.
Do.....	do.....	do.....	To appear before a legislative committee at its request to give information concerning a proposed forestry bill.
Peters, J. L.....	Field assistant.....	Points in New Hampshire and Vermont (May 1-9, 1916).	To investigate the breeding grounds of migratory waterfowl and to study the distribution and habits of birds and mammals.
Do.....	do.....	Baton Rouge, La. (June 12-16, 1916).	To conduct biological investigations in the States named and make collection of birds and mammals for study purposes.
Peterson, R. M.....	Scientific assistant.....	Various points in North Carolina, Alabama, and Florida. (July 1-Aug. 16, 1915—trip began during previous fiscal year).	To investigate the handling of perishable products by boat lines on Lake Erie and Lake Michigan, and to confer with officials of common carriers regarding a market news service.
Phelps, I. K.....	Chemist in charge, organic laboratory.	Various points in South Carolina, North Carolina, and Georgia (May 13-June 30, 1916). Toledo, Ohio; Detroit, Lansing, Grand Rapids, Mich.; Michigan City, Chicago, Ill. (Oct. 21-30, 1915)	To visit various United States attorneys with a representative of the solicitor's office concerning the food and drug cases now pending in connection with the enforcement of the food and drugs act.
Do.....	do.....	New York, Buffalo, N. Y. (July 6-13, 1915).	do.....
Do.....	do.....	Chicago, Ill. (Aug. 1-5, 1915)	61.70
Do.....	do.....	Chicago, Ill.; St. Paul, Minneapolis, Minn.; Seattle, Wash. (Aug. 19-31, 1915).	184.80
Do.....	do.....	Tacoma, Wash.; Portland, Oregon City, Astoria, Oreg.; San Francisco, Los Angeles, Cal. (Sept. 1-30, 1915).	142.00
Do.....	do.....	Albuquerque, N. Mex.; Denver, Colo.; Salt Lake City, Utah; Manhattan, Kans.; Kansas City, St. Louis, Mo. (Oct. 1-15, 1915).	120.45
Do.....	do.....	New York, N. Y. (Oct. 26-28, 1915).	20.42
Do.....	do.....	Chicago, Ill.; Kansas City, Mo. (Dec. 16-23, 1915).	101.98
Do.....	do.....	Jersey City, N. J.; New York, N. Y. (Mar. 5-9, 1916).	29.28

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Phelps, I. K.	Chemist in charge, organic investigation laboratory.	Chemistry	New York, N. Y. (Mar. 12-16, 1916)	To visit various United States attorneys concerning the food and drug cases now pending in connection with the enforcement of the food and drugs act.	\$25.89
Do.	do.	do.	Champaign, Chicago, Ill. (Apr. 16-25, 1916).	To attend the meeting of the American Chemical Society.	93.56
Phillips, E. F.	Agricultural assistant.	Entomology	Raleigh, N. C. (Aug. 20-22, 1915)	To attend meeting of county agents of North Carolina.	22.35
Do.	do.	do.	Hamilton, Ill.; Keokuk, Iowa (Aug. 25-Sept. 13, 1915).	To attend meeting of beekeepers' associations and meetings of teachers of bee culture and apiculture in the Middle West.	60.46
Do.	do.	do.	Akron, Ohio; Indianapolis, Ind.; Springfield and Chicago, Ill.; Topeka, Kans.; Des Moines, Iowa; Madison, Wis.; Grand Rapids, Mich. (Nov. 18-Dec. 19, 1915)	To attend a series of beekeepers' association meetings.	183.82
Do.	do.	do.	Chicago, Ill. (Feb. 20-25, 1916)	To attend convention of National Beekeepers' Association.	65.95
Pierce, W. D.	Entomological assistant.	do.	Various points in Georgia, Florida, Alabama, Mississippi, and Tennessee (Aug. 30-Sept. 11, 1915).	To determine dispersion of boll weevil.....	130.66
Do.	do.	do.	Points in Alabama, Mississippi, and Tennessee (Sept. 12-30, 1915).	do.....	47.48
Do.	do.	do.	Florida, Georgia, Alabama, Tennessee, Arkansas, Oklahoma, and Texas (May 8-30, 1916).	To inspect field work and confer with employees on the subject of southern field crop insect investigations.	272.85
Pierson, A. H.	Statistician in forest products.	Forest Service	Harrisburg, Pa. (Apr. 17-19, 1916)	To secure data concerning lumber production for use in connection with industrial investigations.	10.97
Peters, J. J.	Agronomist.	Plant Industry	Chaney, Indianapolis, Elkhorn, Md. (Sept. 1-3, 1915).	To inspect experiments and arrange further work in forage crop investigations.	7.05
Do.	do.	do.	Woolster, Troy, Ohio; La Fayette, Decatur, Ind.; Ann Arbor, Lansing, Coldwater, Kalamazoo, Grand Rapids, Holland, Fennville, Benton Harbor, Mich.; Chicago, Urbana, Ill.; Ames, Iowa; Oshkosh, Madison, Wis. (Oct. 3-26, 1915).	do.....	94.04
Do.	do.	do.	Ithaca, N. Y. (Sept. 15-29, 1915).	do.....	167.14
Do.	do.	do.	Troy, Ohio; La Fayette, Decatur, Ind.; Ann Arbor, Lansing, Coldwater, Kalamazoo, Grand Rapids, Holland, Fennville, Benton Harbor, Mich.; Chicago, Urbana, Ill.; Ames, Iowa; Oshkosh, Madison, Wis. (Oct. 3-26, 1915).	do.....	53.93
Do.	do.	do.	Ia. Fayette, Ind. (Oct. 16-19, 1916)	do.....	43.20
Do.	do.	do.	Raleigh, N. C. (May 16-26, 1916)	do.....	29.37
Do.	do.	do.	New Brunswick, N. J.; Wilmington, Del. (June 27-30, 1916).	do.....	

Piper, C. V	To inspect work in progress and arrange further tests and experiments in the production and improvement of forage crops.	New London, Elyria, Wooster, Columbus, Ohio (July 18-21, 1915).	47.18
Do	do	do	\$3.91
Do	do	Hartford, New Haven, Conn.; Kingston, Newport, Portsmouth, R. I.; Boston, Mass; Burlington, Vt. (Aug. 3-16, 1915).	11.37
Do	do	Philadelphia, Pa., and vicinity (Aug. 23-24, 1915).	169.15
Do	do	Biloxi, Miss.; New Orleans, New Iberia, La.; Houston, Dallas, Fort Worth, Chillicothe, Amarillo, Tex. (Sept. 7-22, 1915).	193.80
Do	do	Raleigh, N. C.; Knoxville, Tenn.; Vicksburg, Biloxi, Meridian, Miss.; Baton Rouge, New Orleans, La.; Gainesville, Arcadia, Loveland, Fort Myers, Key West, Fellsmere, Miami, Fla. (Nov. 1-22, 1915).	103.74
Do	do	New Iberia, La.; Biloxi, Miss. (Mar. 17-25, 1916).	44.16
Do	do	Kingston, R. I.; New London, New Haven Conn.; New York, N. Y. (June 19-23, 1916).	181.87
Do	do	Moultrie, Ga.; Biloxi, Miss.; Montgomery, Ala. (June 26-30, 1916).	94.24
Pistor, A. J., Jr.	Animal Industry Office of Markets and Rural Organization.	Baltimore, Md. (May 12, 1916). Holly Springs, Olive Branch, Miss.; Memphis, Tenn.; Forest City, Ark.; and points in Missouri, Georgia, and South Carolina (Aug. 16-24, 1915).	1.65
Do	Veterinary inspector. Specialist in marketing cotton seed.	Atlanta, Ga.; Memphis, Tenn.; Holly Springs, Miss.; Oseola, Ark.; Jackson, Miss.; Greenville, S. C. (Oct. 2-Nov. 4, 1915).	179.68
Do	do	Old Point, Newport News, Richmond, Norfolk, Fortress Monroe, Penins. Point, Va. (Apr. 12-16, 1916).	95.50
Do	do	Norfolk, Va.; Hartford, Plymouth, Tannboro, Rocky Mount, New Berne, N. C. (May 9-13, 1916).	27.85
Do	do	Norfolk, Va., and points in that vicinity (May 30-June 1, 1916).	14.00
Postle, S. A.	Chemistry	New York, N. Y. (Jan. 11-12, 1916)	21.25
	Executive clerk	New York laboratory relative to the installation of equipment at that point.	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Potter, A. F.	Associate forester....	Forest Service.....	Pensacola, Fla., and points in the States of Colorado, New Mexico, Utah, and California (Apr. 6-June 28, 1916).	To make a field investigation of grazing and land matters on the Florida National Forest and to take up with district foresters grazing and general administrative questions requiring consideration. To investigate a reported case of contagious abortion.	\$714.04
Potter, Geo. M.	Veterinary inspector	Animal Industry	Points in Maryland and Virginia in the vicinity of the District of Columbia (July 8-29, 1915). San Antonio, Tafitarris, Tex. (Oct. 28-Dec. 24, 1915). Beltsville, Md. (Mar. 1-31, 1916). Rockville, Beltsville, Md.; Newark, Del. (May 2-June 20, 1916).	To investigate contagious abortion and chronic bacterial enteritis of cattle. To inspect animals at United States experimental farm. To obtain blood samples for abortion investigations. To consult inspector in charge regarding abortion investigations.	3.19 133.40 .37
Do.....	do.....	do.....	Various points in Virginia, Maryland, West Virginia, Tennessee, and Michigan (July 10-Sept. 30, 1915). Norfolk, Richmond, Va. (July 19-21, 1915).	To assist in a study having for its object the development of best methods of management for southern hardwoods. To investigate storage facilities and make arrangements with parties to handle butter which would be used in an investigation of the storage qualities of southern creamery butter.	10.04
Pottinger, J. H.	Field assistant	Forest Service.....	Office of Markets and Rural Organization.	To meet with the board of directors of the North Carolina Creamery Association to consider the proposed articles of organization, by-laws, and a plan of operation of a cooperative marketing association for the North Carolina creameries.	305.39
Potts, R. C.	Specialist in marketing dairy products.	.....	Charlotte, N. C. (July 30-Aug. 1, 1915).....	To address a meeting of Dairymen's Association of Prince William County. To make investigations into the methods of handling and marketing milk and other dairy products of cities named. do.....	11.80 27.50 1.20 57.32
Do.....	do.....	do.....	Manassas, Va. (Apr. 8, 1916).....	To confer with State and county agents in relation to the conduct and progress of farmers' cooperative demonstration work.	46.76
Do.....	do.....	do.....	Oklahoma City, Okla.; Kansas City, Columbia, St. Louis, Mo.; Chicago, Ill. (Apr. 22-May 3, 1916). New York, Utica, N. Y.; Springfield, Northampton, Amherst, Mass. (June 26-30, 1916). Nashville, Chattanooga, Tenn.; Pittsburgh, Pa. (July 2-15, 1915).	To confer with State and county agents in relation to the conduct and progress of farmers' cooperative demonstration work.	53.95
Powell, Ola.	Assistant in girls' canning clubs and home-demonstration work.	States Relations Service.	Charlottesville, Va. (July 22-24, 1915).....	To conduct canning demonstrations and to confer with State agent and assistants and county agents in relation to conduct and progress of farmers' cooperative demonstration work.	14.41
Do.....	do.....	do.....	.....	.....	.....

Do.....	do.....	To instruct county agents in the conduct of their work and to plan work for current season.	4.35
Do.....	do.....	To conduct demonstration work and to confer with assistant State agents and county agents in reference to progress of farmers' cooperative demonstration work.	26.55
Do.....	do.....	To confer with State agents in relation to plans for work and to instruct new agents in farm home demonstration work.	23.80
Do.....	do.....	To assist in carrying demonstrations and to confer with assistant State agent and county agent in relation to progress of farmers' cooperative demonstration work.	29.54
Do.....	do.....	To confer with department, State, and county agents and to assist in conducting demonstration in connection with direction and supervision of girls' clubs and farm home demonstration work in southern States.	20.37
Do.....	do.....	To confer with assistant State agents in relation to progress of work and to conduct canning demonstrations.	15.71
Do.....	do.....	To confer with State, assistant State, and county agents in relation to conduct, progress, and results of work and to assist in conducting demonstrations.	21.49
Do.....	do.....	To confer with assistant State agents in relation to progress of work and plans for farm home demonstration work.	21.10
Do.....	do.....	To investigate labor-saving household conveniences and to select equipment for use in demonstration work.	182.81
Do.....	do.....	To confer with State and department officials and others interested in relation to progress and plans for farm home demonstration work.	13.25
Do.....	do.....	To confer with State and county agents in relation to progress of work and plans for future work.	270.64
Do.....	do.....	To conduct demonstration work and confer with State and county agents in relation to progress and conduct of farmers' cooperative demonstration work and plan for the year's work.	220.28
Do.....	do.....	To confer with State and county agents in relation to progress of work and plans for future work.	37.44
Do.....	do.....	To confer with county agents regarding conduct and progress of farmers' cooperative demonstration work and assist in planning work for the coming year.	36.19
Do.....	do.....	To confer with State and county agents in relation to progress of work and plans for future work.	148.35
Lexington, Ky; Athens, Ga; (Apr. 24-May 12, 1916).			

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Powell, Ola	Assistant in girls' canning clubs and home demonstration work.	States Relations Service.	College Park, Md. (May 23-24, 1916)	To confer with the county agents of the State regarding the conduct and progress of farmers' cooperative demonstration work, and assist in planning work for the coming year.	\$2.60
Do.....	do.....	do.....	Greensboro, N. C. (May 20-June 3, 1916)	To confer with State and county agents at annual meeting and instruct them in conduct of their work and plan work for the ensuing year.	36.75
Do.....	do.....	do.....	Ithaca, Bangall, New York, N. Y. (June 26-30, 1916)	To attend annual meeting of American Home Economics Association, and deliver an address on the home demonstration work of the department at Ithaca.	22.25
Powell, T. F.	Specialist in transportation of farm products.	Office of Markets and Rural Organization.	Valdosta, Macon, Atlanta, Ga. (July 7-15, 1915).	To investigate the handling of watermelons in shipping, the losses in transit, and the causes of such losses.	81.90
Do.....	do.....	do.....	Philadelphia, Pottstown, Pa.; New York, N. Y. (July 20-28, 1915).	To investigate market train service and to arrange with various railroads to furnish information in connection with the market news ser ice.	65.55
Do.....	do.....	do.....	Hagerstown, Baltimore, Md.; Pittsburgh, Pa.; Rochester, Geneva, N. Y.; Chattanooga, Tenn. (Aug. 6-30, 1915).	To investigate market train service and to arrange with various railroads to furnish information in connection with the market news ser ice, and to investigate the methods employed by railroads in the handling of farm products.	102.43
Do.....	do.....	do.....	Various points in the States of Illinois, Minnesota, Wisconsin, Michigan, Pennsylvania, Missouri, and Ohio (Oct. 17-Nov. 25, 1915).	To investigate methods of handling perishable products on the Great Lakes and to confer with railroad officials in regard to a market news service.	292.43
Do.....	do.....	do.....	Baltimore, Md.; Philadelphia, Pa.; New York, Buffalo, N. Y.; New Haven, Conn.; Boston, Mass.; Portland, Me.; Rutland, Vt. (Dec. 2-18, 1915).	To confer with officials of common carriers in regard to transportation of farm products and to secure statistical information relative to handling of perishable products.	123.31
Do.....	do.....	do.....	Chicago, Ill.; St. Paul, Minn.; Milwaukee, Wis. (Jan. 4-13, 1916).	do.....	104.49
Do.....	do.....	do.....	Norfolk, Va.; points in Tennessee, Louisiana, and Alabama (Jan. 16-Feb. 3, 1916).	To confer with railroad officials to secure cooperation in the conduct of a market news ser ice for the handling and marketing of farm products.	163.95
Do.....	do.....	do.....	Various points in the States of Illinois, Missouri, Arkansas, Tennessee, Texas, and Alabama; New Orleans, La. (Feb. 22-Mar. 26, 1916).	To secure the cooperation of railroad officials in the conduct of a market news ser vice for the handling and marketing of farm products.	311.74
Do.....	do.....	do.....	Richmond, Va.; Wilmington, N. C.; Augusta and other points in Georgia; various points in the State of Florida (Apr. 3-23, 1916).	To confer with railroad officials to secure cooperation in the conduct of a market news ser ice for the handling and marketing of farm products.	138.05

EXPENDITURES FOR TRAVEL, DEPARTMENT OF AGRICULTURE. 145

212.53

Do	do	Pittsburgh, Pa.; Columbus, Ohio; Indianapolis, Ind.; Peoria, Chicago, Ill.; St. Paul, Minneapolis, Duluth, Minn.; points in Michigan, New York, and Ohio (June 5-30, 1916).	do	362.85
Preble, E. A.	Assistant biologist	Various points in Oregon (July 1-Aug. 18, 1915).	To study the distribution and habits of birds and mammals and determine the distribution of life zones in continuation of the biological survey of Oregon.	39.60
Do	do	Various points in Montana (May 8-June 28, 1916).	To organize and conduct the biological survey of Montana and secure information concerning the distribution and habits of the birds and mammals and the life zones of the State.	294.05
Price, T. M.	Senior laboratory ins- pector	Chicago, Ill. (July 1-4, 1915)	To make inspection of meats at an official establish- ment.	39.60
Do	do	New York, N. Y. (July 11-15, 1915)	To inspect the meat-inspection laboratory	32.00
Do	do	St. Louis, Kansas City, Mo., Omaha, Nebr.; San Francisco, Cal. (July 25-Aug. 29, 1915).	To inspect the work performed at the meat-in- spection laboratories	313.90
Do	do	St. Louis, Mo. (Dec. 14-18, 1915)	To attend the trial of United States <i>v.</i> The St. Louis Independent Packing Co., concerning the use of cereal on sausages.	53.25
Do	do	St. Louis, Mo. (Jan. 25-Feb. 2, 1916)	do	88.40
Prichard, Fred J.	Physiologist	Morestown, N. J.; Ridgely, Baltimore, Md. (July 14-21, 1915).	To investigate tomato diseases, and to confer with experiment-station officials relative to cooperative work on truck-crop diseases.	23.49
Prichard, F. P.	Assistant chemist	Baltimore, Md. (Aug. 11-16, 1915)	To test and inspect dust preventives and road binders.	12.80
Do	do	Baltimore, Md. (Oct. 8, 1915)	do	4.20
Do	do	Alexandria, Va. (June 9, 1916)	do	1.12
Trugh, A. E.	Clerk	St. Louis, Kansas City, Mo. (Mar. 23-Apr. 11, 1916).	To open branch office at Kansas City and report daily market information concerning perishable farm products.	78.10
Quaintance, A. L.	Entomological assist- ant	Crozet, Winchester, Va.; Waynesboro, Pa. (July 6-10, 1915).	To visit orchards where experimental work is carried on and to make observations on deciduous fruit insects.	31.88
Do	do	Pemberton, Hammonton, N. J.; German- town, N. Y. (July 12-16, 1915).	To make observations on deciduous-fruit insects	27.65
Do	do	Youngstown, N. Y.; North East, Pa.; Benoit, Harbor, Mich. (July 24-26, 1915).	To confer with men in charge of field stations and to make observations on deciduous-fruit insects	69.27
Do	do	Hancock, Cumberland, Md.; Springfield, W. Va. (Aug. 23-26, 1915).	To visit orchards where experimental work is carried on and to make observations on deciduous-fruit insects	19.15
Do	do	Sandusky, Ohio (May 2-5, 1916)	To inaugurate work in connection with grape-berry moth investigations in northern Ohio.	39.85
Do	do	Jacksonville, Orlando, Monticello, Gaines- ville, Fla.; Fort Valley, Ga. (June 19-28, 1916).	To make observations on deciduous-fruit insects and to inspect laboratories	106.02

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Quiggle, E. B.	Law clerk.....	Office of the Secretary.....	New York, N. Y. (Aug. 28-Sept. 5, 1915).	To confer with the United States attorney in regard to case pending under the cotton-futures act.	\$35.60
Do. ....	.....do.....	.....do.....	New York, N. Y. (Nov. 25-28, 1915).	To confer with United States attorney relative to pending cases involving constitutionality of United States cotton-futures act.	17.30
Do. ....	.....do.....	.....do.....	Los Angeles, Brawley, Niland, Cal. (June 7-21, 1916).	To assist the Chief Office of Markets and Rural Organization in making investigations for the marketing and distribution, with special reference to the handling through cooperation in the handling, of citrus fruits, and in the conduct of a market news service on cantaloupes.	106.95
Do. ....	.....do.....	.....do.....	Columbus, Toledo, Ohio; Buffalo, N. Y. (June 25-30, 1916).	To assist in investigations of methods used in warehousing and handling of grain.	59.01
Rabak, Frank.	Chemical biologist.....	Plant Industry.....	Philadelphia, Pa.; Vineland, Camden, Jersey City, N. J.; New York; Poughkeepsie, Utica, Canajoharie, N. Y.; Madison, Wis.; Minneapolis, St. Paul, Minn. (July 29-Sept. 11, 1915).	To conduct experiments with volatile and other oil plants, and to confer with canners, manufacturers, and others relative to the utilization of by-products and turpentine and linseed substances, in connection with drug and poisonous plant investigations.	119.58
Do. ....	.....do.....	.....do.....	Minneapolis, Minn.; Chicago, Ill.; Paw Paw, Detroit, Mich.; Toledo, Cleveland, Ohio; Westfield, Buffalo, Rochester, N. Y. (Oct. 11-22, 1915).	.....do.....	94.06
Rabbitt, E. K.	Assistant.....	.....do.....	Piketon, Ohio (Oct. 17-Nov. 4, 1915)	To assist in harvesting experimental corn and prepare for new experiments in corn improvement and methods of corn production.	55.65
Rabild, Helmer.	Dairy husbandman . . .	Animal Industry.....	New York, N. Y. (Sept. 10-11, 1915).	To attend a meeting of the executive committee of American Jersey Cattle Club and confer with them regarding plans to establish register of tuberculosis-free herds of pure-bred Jersey cattle.	12.90
Do. ....	.....do.....	.....do.....	Bryan, Sherman, Tex.; Lincoln, Nebr.; Ames, Iowa; St. Paul, Minn.; Columbus, Ohio; Bismarck, Jamestown, N. Dak.; Madison, Wis.; Brookings, S. Dak.; Chicago, Ill.; La Fayette, Ind.; Lansing, Detroit, Mich.; and other points (Sept. 20-Nov. 1, 1915).	.....do.....	312.61
Do. ....	.....do.....	.....do.....	Grove City, Pa.; Upton Station, Va. (Nov. 15-20, 1915).	To give advice concerning the remodeling of a dairy barn at Upton Station and to Grove City to plan a dairy sanitary survey.	30.61

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Ransom, B. H.	Chief, zoological division.	Animal Industry	Vienna, Va. (Nov. 26, 1915).....	To supervise and inspect the experimental farm at Vienna, Va.	\$0.69
Rattner, L.	Clerk.....	Office of Markets and Rural Organization.....	Philadelphia, Pa. (June 13-23, 1916).....	To assist in market news service conducted at Philadelphia branch office.	29.70
Raub, A. J.	Assistant in live-stock investigations.	Animal Industry.....	Buffalo, N. Y. (July 9-24, 1915).....	To obtain evidence of alleged violations of the 28-hour law.	36.16
Rawl, B. H.	Chief, dairy division.....	do	Grove City, Pa.; Chicago, Ill.; Phoenix, Ariz.; Albuquerque, N. Mex.; Los Angeles, San Francisco, Cal.; Salt Lake City, Utah; Portland, Oreg.; Spokane, Wash.; Boise, Mont. (July 26-Sept. 9, 1915).	To supervise and investigate the dairy work of the bureau and inaugurate new work.	474.65
Do.	do.....	do	Columbia, Mo.; New Orleans, New Iberia, Baton Rouge, La.; Chicago, Ill. (Oct. 10-24, Nov. 4-7, 1915).	To Columbia for the purpose of consulting with a professor of the University of Missouri regarding the valuation of dairy cattle and to points in Louisiana to supervise and investigate the work in connection with the eradication of cattle tick. To confer with bureau employees concerning the work of the dairy division.	225.71
Do.	do.....	do	Belleville, Md.; Columbia, S. C. (Nov. 17-23, 1915, Dec. 4, 1915-Jan. 14, 1916).	To inspect work in progress at the United States experimental farm. To attend a meeting of the South Carolina Live Stock Association and deliver an address on a subject relating to the dairy industry.	34.17
Do.	do.....	do	Montgomery, Ala.; New Orleans, La.; Chicago, Ill. (Nov. 24-Dec. 3, 1915).	To confer with employees of the bureau regarding work of the dairy division now in progress and to address a meeting of the Montgomery Live Stock Association at Montgomery, Ala.	137.86
Do.	do.....	do	Boston, Mass. (Mar. 2-4, 1916).....	To attend a conference of department officials and State authorities of the New England Federation of Rural Progress.	38.70
Do.	do.....	do	Points in North Carolina, South Carolina, and Louisiana (Mar. 8-Apr. 5, 1916).	To inspect and supervise the dairy work of the bureau now in progress.	196.98
Do.	do.....	do	Chicago, Harrisburg, Ill.; Fort Atkinson, Milwaukee, Wis.; Birmingham, Ala. (June 5-13, June 22-26, 1916).	To supervise the dairy work of the bureau and attend a conference of field men at Birmingham. To attend a meeting of dairymen held by the State dairy and food commission of Illinois in cooperation with the Illinois Bankers' Association and the railroad companies of southern Illinois.	168.32
Ray, Samuel H.	Scientific assistant.....	do	St. Louis, Mo.; New Orleans, La.; points in Guatemala (July 1-Aug. 6, 1915).	To study the cattle industry of Guatemala, Central America, and to obtain information required by the Department of Agriculture to determine the advisability of permitting the importation of cattle into the United States from that country.	375.37

Do.....	do.....		To confer with visiting beef-cattle agents in tick-free areas of South for the purpose of studying methods of conducting cattle-extension work.	220.67
Do.....	do.....		To deliver an address on "The relation of live stock to farm values," before the South Carolina Live Stock Association annual meeting. To address the annual meeting of the North Carolina Live Stock Association on the beef-cattle industry of the South.	56.41
Read, E. A.....	Micro-analyst.....	Chemistry.....	To appear as a witness in cases reported for prosecution.	31.47
Do.....	do.....	do.....	do.....	28.99
Do.....	do.....	do.....	do.....	27.54
Do.....	do.....	do.....	do.....	32.37
Do.....	do.....	do.....	do.....	28.83
Do.....	do.....	do.....	do.....	51.70
Reed, F. W.....	Assistant district forester.....	Forest service.....	To make a field and office inspection of the work on the areas visited.	51.50
Do.....	do.....	do.....	To inspect work on the Natural Bridge area.....	106.27
Do.....	do.....	do.....	To make an inspection of work on the Pisgah area.	62.10
Reed, J. B.....	Assistant chemist.....	Chemistry.....	To attend meeting of the district foresters.....	196.15
Do.....	do.....	do.....	To study the composition of rice by-products with special reference to the amount of hulls in rice bran.	215.41
Reed, W. G.....	Assistant.....	Chemistry.....	To observe expeller run on the extraction of rice bran.	39.70
Do.....	do.....	do.....	To hold a field conference and make a farm survey of 300 farms in Frederick County, Md.	29.11
Do.....	do.....	do.....	To confer with officials of the Agricultural experiment stations, section directors of the Weather Bureau, and the officers of the American Geographical Society, and to secure their criticisms and corrections of several maps being prepared for the Atlas of the Agriculture of the United States.	58.63
Reeve, C. S.....	Chemist.....	Office of Public Roads and Rural Engineering.....	To standardize methods of testing bituminous road materials.	.15
Do.....	do.....	do.....	Points in Florida (Aug. 4-16, 1915).....	127.60
Do.....	do.....	do.....	New York, N. Y. (Sept. 13, 1915).....	19.25
Do.....	do.....	do.....	Petersburg, Va. (Oct. 28-29, 1915).....	51.13
Do.....	do.....	do.....	Points in North Carolina (Nov. 21-24, 1915).....	29.20
Do.....	do.....	do.....	Youngstown, Ohio (Dec. 2-3, 1915).....	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Reeve, C. S.....	Chemist.....	Office of Public Roads and Rural Engineering.....	Ann Arbor, Mich.; Middletown, Ohio (Feb. 22-24, 1916).	To construct experimental bituminous road.....	\$57.35
Do.....	do.....	do.....	West Palm Beach, St. Augustine, Fla. (Mar. 8-Apr. 8, 1916).	do.....	228.10
Do.....	do.....	do.....	Alexandria, Va. (May 27, 1916).	do.....	1.00
Reid, F. B.	Assistant.....	Office of Markets and Rural Organization.....	Chicago, Ill. (Nov. 26-Dec. 5, 1915).	To attend a conference of department officials and others concerning the eradication of foot-and-mouth disease.	67.00
Do.....	do.....	do.....	Manhattan, Kans. (June 18-24, 1916).	To represent the department at a conference of agricultural college and experiment station officials.	78.26
Reid, T. J.	Scientific assistant....	Plant Industry.....	North Liberty, Ind. (May 3-11, 1916).	To assist in planting experimental truck crops, and secure data for use in connection with horticultural investigations.	60.26
Do.....	do.....	do.....	Alphano, N. J.; Mattituck, Greenport, East Hampton, Amityville, Farmingdale, N. Y. (May 23-29, 1916).	do.....	41.98
Do.....	do.....	do.....	Alphano, N. J.; Albany, N. Y.; South Bend, North Liberty, Ind.; Niles, De- eatur, Kalamazoo, Mich. (June 11-30, 1916.)	do.....	74.94
Reutemann, Wm. A.	Clerk.....	Office of the Secretary.	Woodstock, Va. (Oct. 5-Nov. 24, 1915)	To do typewriting, stenographic, and other clerical work under the direction of the title attorney at Woodstock, engaged in the examination of titles to lands in Virginia, sought to be acquired under the Weeks law.	132.87
Reynolds, Francois H.	Veterinary inspector..	Animal Industry.....	Points in Maryland and Virginia in the vicinity of the District of Columbia (July 1, 1915-May 31, 1916).	To test cattle for tuberculosis.....	210.81
Rhodes, Joseph L.	Gardener.....	Plant Industry.....	Hightlands, N. C. (Oct. 24-29, 1915)	To assist with the harvesting of experimental beans in connection with horticultural investigations.	59.10
Rice, J. A.	Clerk.....	Office of Markets and Rural Organization.....	Boston, Mass.; New York, N. Y.; Philadelphia, Pa. (July 25-Aug. 2, 1915).	To investigate methods, sources, accuracy, and use of market reports of live stock, meats, and by-products.	60.95
Do.....	do.....	do.....	Philadelphia, Pa. (Aug. 23-25, 1915)	To participate in public hearings on marketing farm products to be held under the auspices of the Philadelphia Vegetable Growers' Association.	19.66
Do.....	do.....	do.....	Chicago, Ill. (Nov. 13-18, 1915)	To investigate the authenticity of alleged practices against stockmen by companies and individuals handling live stock at East St. Louis, to keep a record, and assist in making a stenographic record of the proceedings of the live-stock and meat-marketing conference in Chicago.	67.50

		92.18
Rice, M. I.	Assistant in cotton classing.	.....do.....
Richardson, H. B.	Assistant in agricultural technology.	.....do.....
Ricker, P. L.	Assistant botanist.	.....do.....
Ridgway, Chas. S. ....		.....do.....
Roark, R. C. ....		.....do.....
Do.	Assistant chemist.	.....do.....
Do.	Insecticide and Fungicide Board.	.....do.....
Do.	do.	.....do.....
Do.	Clerk.do.....
Robertson, J. S., Jr.	Messenger boy.	.....do.....
Roeser, H. M.	Laboratory assistant.	.....do.....
	Kansas City, St. Louis, Mo.; Washington Court House, Ohio (Dec. 4-19, 1915).	To make a study of the actual prices paid for live stock as compared with the quotations published for the respective markets, and to investigate stock-yard and packing-house facilities.
Rice, M. I.	New York, N. Y. (Nov. 17-25, 1915).....	To visit the New York Cotton Exchange to sample bales of cotton and select types suitable for use in the preparation of the official cotton standards of the United States.
Richardson, H. B.	Fall River, Mass.; Providence, R. I.; Boston, Mass. (Mar. 12-Apr. 29, 1916).....	To assist in conducting semicommercial spinning test at the Poocasset Manufacturing Co. for determining the tensile strength, waste, and bleaching qualities as well as the relative and classes of spinning.
Ricker, P. L.	Orlando, Sarasota, St. Petersburg, Punta Gorda; Fort Myers, Miami, Key West, Fla.; Savannah, Augusta, Ga. (Mar. 1-22, 1916).	To collect specimens of economic plants for the herbarium maintained by the Office of Economic and Systematic Botany.
Ridgway, Chas. S.	Baltimore, Md. (Jan. 20, 1916).	To collect samples of tobacco and scented data for use in tobacco investigations.
Roark, R. C.	Baltimore, Md. (Jan. 28, 1916).	To collect samples of insect flowers.....
Do.	Baltimore, Md. (Feb. 12, 1916).	.....do.....
Do.	Peoria, Chicago, Ill. (Feb. 13-22, 1916).	.....do.....
Do.	Baltimore, Md. (Feb. 25, 1916).	.....do.....
Do.	Baltimore, Md. (Mar. 28, 1916).	.....do.....
Do.	Springfield, Mass.; New York, Albany, N. Y.; numerous intermediate points (June 20-23, 1916).	To collect statistical information relative to truck crop acreages.
Robertson, J. S., Jr.	Savannah, Ga. (Aug. 1-2, 1915).....	To be permanently assigned to the Savannah laboratory.
Roeser, H. M.	Baltimore, Rising Sun, Md.; Bridgeton, Jersey City, N. J.; Philadelphia, Mansfield, Wellshoro, Pa.; Buffalo, Cooperstown, Bainbridge, Ulster, Newburgh, St. Johnsville, Chester, N. Y.; New York, N. Y. (Feb. 2-26, 1916).	To assist in the net-weight work investigations.....
Rogers, J. S.	Philadelphia, Pa.; Atlantic City, N. J. (May 31-June 3, 1916).	To conduct investigations relative to tanning work.
Rogers, L. A.	Grove City, Pa. (July 14-29, 1915).....	To supervise the installation of the equipment of the laboratories at the Grove City Creamery.
Do.	do.	To supervise the experimental work at the Grove City Creamery.
Do.	do.	To Ithaca and Buffalo, N. Y., to examine candidates for positions in Dairy Division. To Grove City to supervise work at the experimental creamery.
Do.	do.	To supervise work of laboratory at Grove City and to attend meeting at Champaign, Ill.
Do.	do.	To supervise experimental work at the Grove City Creamery.

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Rogers, L. A.	Dairy bacteriologist....	Animal Industry.....	Grove City, Pa. (June 19-22, 1916)	To supervise the dairy work at the cooperative creamery at Grove City, Pa.	\$30.32
Rommel, Geo. M.	Chief, Animal Husbandry Division.	do.....	Chicago, Ill.; Laramie, Wyo.; Fort Collins, Colo.; Amarillo, Tex.; Phoenix, Yuma, Ariz.; San Francisco, Cal.; Salt Lake City, Utah (July 1-10, 1915).	To inspect the field work being conducted by the Animal Husbandry Division and to study the possibilities of live-stock raising on dry land and irrigated farms.	176.40
Do.	do.....	do.....	Ebensville, Md.; New York, N. Y.; Middlebury, Vt. (Sept. 18-25, 1915).	To inspect work in progress at the United States experimental farm. To inspect the work being carried on at the United States Morgan horse farm at Middlebury, Vt., and at New York for the purpose of consulting Morgan horse breeders.	37.50
Do.	do.....	do.....	Mendoza, Chicago, Ill. (Mar. 8-10, 1916).	To interview horse breeders in connection with the selection of a stallion for the bureau's horse-breeding work.	55.99
Do.	do.....	do.....	Middlebury, Vt.; Cornwall, N. Y. (June 2-9, 1916).	To inspect the work at the United States Morgan horse farm at Middlebury, Vt. To Cornwall, N. Y., to inspect horses.	44.62
Rosenbaum, Joseph ..	Mycologist.....	Plant Industry.....	Beaufort, S. C.; Hastings; Dupont, Palatka, Gainesville, Orlando, Miami, Fort Lauderdale, Fla. (Mar. 17-Apr. 14, 1916).	To study diseases of potatoe and other plants in connection with cotton and truck disease investigations.	169.25
Ross, S. H.	Administrative assistant.	Chemistry.....	New York, N. Y. (Sept. 1-3, 1915)	To consult with officials of the Bureau of Chemistry and others relative to equipment, the installation of equipment, procedures in connection with the enforcement of the food and drugs act, and other necessary work of an administrative character.	14.45
Do.	do.....	do.....	Buffalo, N. Y.; Chicago, Evanston, Ill.; St. Paul, Minneapolis, Minn. (Oct. 28-Nov. 7, 1915).	do.....	112.27
Do.	do.....	do.....	New York, N. Y. (Jan. 10-12, 1916).	do.....	23.05
Ross, W. H.	do.....	do.....	Various points in the States of New York, Connecticut, and Massachusetts (May 2-7, 1916).	To inspect, while in actual operation, the different types of Cottrell precipitators, and to confer with those controlling the Cottrell patents, to obtain confidential information regarding the operation of said Cottrell precipitators in certain industries so as to enable the bureau properly to install the three types of precipitators which are to be used in connection with investigations carried on, with a view to developing practical methods of preparing concentrated fertilizers.	55.66

Roth, J. Arnold	Scientific assistant	Animal Industry	145.95
Do.....	do	do	192.34
Round, L. A.	Bacteriologist	Chemistry	80.91
Do.....	do	do	2.10
Do.....	do	do	2.65
Do.....	do	do	137.61
Do.....	do	do	28.77
Do.....	do	do	121.00
Annapolis Md. (Nov. 16, 1915).....			
Baltimore, Md. (Nov. 23, 1915).....			
New York, N. Y.; Providence, R. I.; Newport, R. I.; Boston, Mass.; St. Albans, Vt. (July 1-Aug. 10, 1915). Rochester, N. Y. (Sept. 6-8, 1915). Sandusky, Fremont, Norwalk, Green Springs, Circleville, Columbus, Indianapolis, Greenwood, Ind. (Sept. 10-30, 1915). New York, N. Y.; Boston, Mass.; Prov- idence, R. I. (Dec. 6-9, 1915). Louisville, Ky. (Feb. 6-11, 1916).....	To confer with and assist the bureau employees in inaugrating cooperative pig-club work. To assist the bureau's pig-club agent with the exhibit of the different pig-club members which are to be shown at fairs to be held at Raleigh, N. C., and other points.	To investigate and perfect methods on direct ha- teriological examination of milk for the purpose of determining the advisability of using these methods in routine work.	
New York, N. Y. (Mar. 6-10, 1916).....	To attend the meeting of the Sauerkraut Packers' Association.	42.18	
New York, N. Y. (Feb. 15-17, 1916).....	To investigate and perfect methods on direct ha- teriological examination of milk for the purpose of determining the advisability of using these methods in routine work.	55.36	
New York, N. Y. (Mar. 13-16, 1916). New York, N. Y.; Providence, R. I. (Mar. 26-28, 1916). Old Point Comfort, Norfolk, Willoughby Spit, Va.; Wilmington, N. C. (Apr. 16- 22, 1916). New York, N. Y.; Tuckerton, Millville, Port Norris, N. J.; Philadelphia, Pa., (June 9-15, 1916). Morristown, Newport, Tenn. (June 19-30, 1916).	To appear as a witness in a case reported for prose- cution. do..... To investigate and perfect methods on direct ha- teriological examination of milk for the purpose of determining the advisability of using these methods in routine work. To investigate the packing, handling, storing, and shipping of oysters and other shellfish in the United States and the waters bordering on the United States. do.....	24.55 20.25 17.52	
New York, N. Y. (June 30, 1916). Woodbury, Swedesboro, N. J. (Fe. 13- Mar. 3, 1916). Swedesboro, N. J. (Mar. 7-25, 1916). Forest, Fort Wayne, Auburn, Garrett, Ind. (May 12-June 21, 1916).	To investigate and perfect methods on direct ha- teriological examination of milk for the purpose of determining the advisability of using these methods in routine work. do..... To obtain records of farm business in the truck re- gion of New Jersey. To assist in making a farm-management survey ..	51.00 73.85 8.46 58.64 67.85 131.33	
Do.....	do	Office of the Secretary (farm management). do	
Rundes, J. C.	Scientific assistant	do	
Do.....	do	do	
Do.....	do	do	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
St. John, B. H.	Assistant chemist.	Chemistry	San Francisco, Cal. (Nov. 8-13, 1915).	To be permanently assigned to that laboratory.	\$109.40
Sallant, Wm.	Pharmacologist in charge, pharmaceutical laboratory.	do	Hartford, Conn. (Aug. 17-25, and Sept. 7, 1915).	To perform pharmacological work in connection with the enforcement of the food and drugs act.	26.06
Do	do	do	New York, N. Y. (June 24-28, 1916).	To hold consultations relative to pharmaceutical investigations.	30.30
Sammet, C. F.	Assistant chemist.	do	New York, N. Y. (Aug. 30-Sept. 2, 1915).	To inspect glass used in connection with the investigation of the grading and handling of naval stores.	30.32
Do	do	do	New York, N. Y. (Feb. 13-16, 1916).	To prepare definite type samples for naval stores.	27.76
Do	do	do	New York, N. Y. (May 22-24, 1916).	To investigate the grading of naval stores.	25.01
Sasscer, E. R.	Chief inspector.	Federal Horticultural Board.	New York, N. Y. (Sept. 19-22, 1915).	To consult with the board's inspectors.	25.86
Do	do	do	Columbus, Ohio (Dec. 27-30, 1915).	To attend the annual meetings of the official entomologists of the several States, including the State horticultural inspectors and plant quarantine officials.	40.96
Do	do	do	Points in New Jersey, New York, and Massachusetts (Jan. 19-23, 1916).	To consult with vacuum fumigating companies, chemists, and inspectors of the board, in connection with the disinfection of imported cotton.	49.06
Do	do	do	Points in New Jersey, New York, and Massachusetts (Jan. 30-Mar. 4, 1916).	do	160.25
Do	do	do	Baltimore, Md. (Mar. 21, 1916).	To inspect cotton mills using imported cotton.	3.85
Do	do	do	Points in New Jersey, New York, and Massachusetts (Apr. 7, 21, 1916).	To consult with vacuum fumigating companies, chemists, and inspectors of the board, in relation to imported cotton.	45.25
Do	do	do	New York, Brooklyn, N. Y.; Newark, N. J.; and other points in the States named (June 12-14, 1916).	To inspect and approve the vacuum fumigation plants installed, and to consult with the inspectors of the board.	23.32
Satterlee, J. B.	Clerk.	Forest Service.	Portland, Oregon; Denver, Colo. (July 26-Sept. 12, 1915).	To inspect status work in districts 2 and 6, and to render assistance in the arrangement and compilation of status records.	320.20
Savage, E. M.	Assistant.	Plant Industry.	Glen St. Mary, Enustus, Miami, Fla. (Mar. 14-May 24, 1916).	To conduct experiments in the breeding of new hardy and disease-resistant types of citrus fruits in connection with crop physiology and breeding investigations.	305.99
Savely, H. E.	Agriculturist and field agent.	States Relations Service.	Spartanburg, Clemson College, Rock Hill, S. C. (June 1-13, 1916).	To confer with director of extension work, and inspect work of county agents.	72.61
Do	do	do	Clemson College, S. C. (June 29-30, 1916).	To examine demonstration and extension work, and confer with officials in relation to their work.	25.12
Schaefer, R. L.	Unskilled laborer.	Plant Industry.	Alphano, N. J. (Apr. 26-May 26, 1916).	To assist in the planting and care of experimental crops being grown in order to study the adaptability of truck crops to organic soils, in connection with horticultural investigations.	41.48

Schleussner, O. W., Office of Markets and Rural Organization, surveys.	Assistant in market surveys.	Points in the States of California, Washington, Phoenix, Ariz.; Pueblo, Colo.; Chicago, Ill.; Pittsburgh, Pa. (July 1-15).	To visit the principal handlers of cantaloupes and the regions of important production for the purpose of perfecting arrangements pertaining to the inauguration of a market news service for this crop.	431-43
Do	do	do	To establish and conduct a market news service with reference to Colorado and Utah cantaloupes and peaches; also to continue investigations with reference to the marketing of the 1915 Imperial Valley early onion crop.	492.79
Do	do	do	To attend and address meeting of National League Commission Merchants, and secure record shipments; also attend and address meeting of Western Fruit Jobbers' Association.	99.54
Do	do	do	To interview growers, shippers, and dealers in agricultural products relating to the handling and distribution of such commodities, especially cantaloupes, and during this investigation, address a meeting of the southern Indiana cantaloupe growers at Vincennes on the subject of "Centralized distribution."	60.61
Do	do	do	To make a study of marketing conditions in the various strawberry, tomato, onion, and cantaloupe districts of the States named, particularly in the Laredo, Tex., onion districts, and collecting and reporting information regarding the movement of the products for the various sections in the States named.	356.43
Do	do	do	To confer with various members of California Fruit Growers' Exchange regarding market surveys and market news service for citrus fruits, and arrange for daily reports of market information on perishable products in other localities.	448.99
Do	do	do	To assist with experimental work at the Government experimental farm.	.38
Schoonning, H. W.	Veterinary Inspector	do	To investigate soil conditions and collect samples of soil for laboratory studies.	82.00
Schreiner, Oswald	Biochemist in charge	do	do	149.07
Do	do	do	do	29.91
Schulte, J. I.	Assistant agriculturist	States Relations Service	To demonstrate results of soil investigations by the department before a seminar of the State College of Agriculture at Cornell University, and consult the officials in regard to soil fertilizer investigations.	87.49
Schultess, Jacob	Clerk	Chemistry	To confer with officials of colleges and experiment stations in relation to their work and condition.	35.55
			To be permanently assigned to the New Orleans laboratory.	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Schwartz, Simon.....	Clerk.....	States Relations Service.	St. Louis, Mo. (Oct. 11-26, 1915).....	To report the proceedings of a conference of State leaders in county agents' club and farm demonstration work and to otherwise assist conferees.	\$114.85
Scooby, F. C.....	Irrigation engineer.....	Office of Public Roads and Rural Engineering.	Pomona, Los Angeles, San Francisco, Cal.; Portland, Ore. (July 1-28, 1915).	To test concrete and wood stave pipes.....	130.15
Do.....	do.....	do.....	Points in Oregon, Idaho, Washington, Montana, Wyoming, and Colorado (Aug. 4-30, 1915).	To test concrete pipes.....	237.50
Do.....	do.....	do.....	Points in Colorado (Sept. 3-26, 1915).....	To investigate flow of water in pipes.....	205.95
Do.....	do.....	do.....	Toronto, Ontario; Banff, Calgary, Alberta; Vancouver, British Columbia (May 29-June 30, 1916).	To test concrete pipes.....	285.08
Scofield, C. S.....	Agriculturist in charge western irrigation agriculture.	Plant Industry.....	Fallon, Nev.; Stockton, Orland, Cal.; Portland, Hermiston, Oreg.; Huntley Billings, Mont.; Powell, Wyo.; Mandan, N. Dak. (July 1-Aug. 5, 1915); Lawton, Okla.; Roswell, Carlsbad, N. Mex.; El Paso, San Antonio, Tex.; Sacaton, Mesa, Tempe, Ariz.; Bard, El Centro, San Diego, Cal. (Oct. 13-Nov. 21, 1915); Portsmouth, Mansfield, Ohio; Cowan, Va.; Peoria, Ill.; Kansas City, Mo.; McFarland, Manhattan, Kans. (July 31-Aug. 27, 1915).	To investigate agricultural conditions, confer with experiment station officials, and inspect work in progress in connection with western irrigation agriculture.	203.68
Do.....	do.....	do.....	Manassas, Va. (Oct. 22, 1915).....	do.....	366.10
Scott, Geo. A.....	Scientific assistant in beef cattle investigations.	Animal Industry.....	Morgantown, W. Va. (Jan. 4-6, 1916).....	To assist in assembling and shipping Shorthorn cow which were purchased for cooperative breeding experiments to be conducted with the Kansas Experiment Station at Manhattan, Kans.	94.75
Do.....	do.....	do.....	Atlanta, Fort Valley, Ga. (June 23-30, 1916).	To make an address on the subject of "Feeds and feeding," before the farmers' institute.	2.50
Do.....	do.....	do.....	Niagara Falls, Ithaca, N. Y.; Philadelphia, Pa.; Baltimore, Md. (July 6-8, 1915).	To attend a meeting of the West Virginia State Livestock Association to deliver an address on "Cattle feeding."	23.34
Scott, W. M.....	Specialist in fruit grading and standardization.	Office of Markets and Rural Organization.	Atlanta, Fort Valley, Ga. (June 23-30, 1916).	To study handling, grading, packing, and marketing of peaches.	140.22
Seeds, K. B.....	Assistant in grain marketing.	do.....	Niagara Falls, Ithaca, N. Y.; Philadelphia, Pa.; Baltimore, Md. (July 6-8, 1915).	To attend the annual convention of the National Hay Association at Niagara Falls, and obtain information regarding the marketing and distribution of hay, to ascertain at Ithaca what the State College of Agriculture there has been doing in connection with the marketing and distribution of hay and grain; obtain similar information from some of the commercial associations in Philadelphia and Baltimore.	49.51

Do.....	do.....	To investigate the marketing of grain and hay at country elevators and terminal markets.	619.4
Do.....	do.....	Columbus, Ohio; Indianapolis, Ind.; Galesburg, Ill.; St. Louis, Mo.; Topeka, Kansas; points in the States of Oklahoma, Minnesota, Mississippi, and Louisiana (July 15-Oct. 1, 1915).	113.11
Do.....	do.....	Cleveland, Ohio; Fort Wayne, Ind.; Danville, Springfield, Ill.; St. Louis, Mo.; Chillicothe, Ohio (Oct. 31-Nov. 21, 1915).	192.65
Do.....	do.....	Various points in the States of Virginia, Georgia, Louisiana, Florida, and South Carolina (Jan. 1-Feb. 6, 1916).	106.68
Do.....	do.....	Various points in the State of North Carolina; Norfolk, Alexandria, Va. (Feb. 23-Mar. 11, 1916).	99.95
Do.....	do.....	Charlestown, W. Va.; Hagerstown, Cumberland, Md.; various points in the States of West Virginia and Pennsylvania (Mar. 27-Apr. 13, 1916).	190.91
Do.....	do.....	Alexandria, Va.; Jackson, Vicksburg, Miss.; Tallulah, New Orleans, La.; Houston, Galveston, Austin, Tex. (June 24-30, 1916).	71.05
Do.....	do.....	Chicago, Ill. (Nov. 26-Dec. 2, 1915)	121.74
Shaffer, Joseph M.....	Clerk.....	Philadelphia, Pa.; Kansas City, Kans. (Aug. 7-20, 1915).	14.82
Shaw, George H.....	Sanitary engineer.....	Philadelphia, Pa.; New York, N. Y.; Kearny, Newark, N. J. (Sept. 26-Oct. 5, 1915).	7.63
Do.....	do.....	Wilmington, Newport, Del. (Oct. 26, 1915).	181.20
Do.....	do.....	Detroit, Mich.; Dayton, Cleveland, Ohio; Pittsburgh, Pa.; Indianapolis, Ind. (Dec. 24, 1915-Jan. 21, 1916).	21.96
Do.....	do.....	Philadelphia, Pa. (May 17-19, 1916)	15.80
Do.....	do.....	Richmond, Va. (May 22-25, 1916)	9.33
Do.....	do.....	Vineland, Pemberton, N. J. (Sept. 21-24, 1915).	175.76
Shear, C. L.....	Pathologist.....	Lakeland, Fla.; Santiago, Habana, Santa Fe, San Pedro, Herradura, Cuba (Mar. 18-Apr. 10, 1916).	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Shear, C. L.	Pathologist	Plant Industry	East Wareham, Falmouth, Taunton, N. J. Mass.; Vineyard, Moorestown, N. J. (June 19-30, 1916).	To investigate diseases of small fruits.....	\$131.44
Shearman, Thos. G.	Attorney in charge	Forest Service	Denver, Colo.; Albuquerque, N. Mex.; Ogden, Utah; San Francisco, Cal.; Portland, Ore., and points in national forests (Oct. 9-Nov. 22, 1915).	To inspect intensive classification projects on various forests and to investigate certain claims under the act of June 11, 1906.	445.20
Do.....	do.....	do.....	Points in national forests; Albuquerque, N. Mex.; Ogden, Utah; San Francisco, Cal.; Portland, Oreg. (Apr. 27-June 8, 1916).	To investigate on various forests certain cases under the act of June 11, 1906.	624.81
Sherman, F. A.	Assistant forester	do.....	Points in all western districts and in Alaska (July 1-Oct. 6, 1915).	To make a general inspection of lands; work in the western forest districts and Alaska.	752.15
Sherman, W. A.	Specialist in market surveys.	Office of Markets and Rural Organization.	Martinsburg, Romney, W. Va. (July 14-16, 1915).	To consult with producers and shippers of peaches concerning the marketing of the peach crop in those localities.	19.02
Do.....	do.....	do.....	Philadelphia, Pa.; New York, N. Y. (Aug. 25-27, 1915).	To participate in public hearings on marketing farm products being held under the auspices of the Philadelphia Vegetable Growers' Association, supervising the work of the assistant in market surveys, conducting the market news service at New York City, and interviewing growers and shippers at other points in matters relative to marketing and distributing of farm products, especially fruits and vegetables.	27.49
Do.....	do.....	do.....	Champaign, Chicago, Ill.; Kansas City, St. Louis, Mo. (Sept. 17-26, 1915).	To consult with dealers and others in reference to the marketing of perishable crops and to supervise the work now being done by representatives of this office, in connection with the collection and dissemination of experimental market news in reference to cantaloupes and peaches.	86.58
Do.....	do.....	do.....	Little Rock, Pine Bluff, Camden, Ark. (Nov. 24-Dec. 4, 1915).	To consult with extension workers, cotton producers, and merchants, and others interested in the progress of cooperative organization among cotton growers and to explain the various phases of the work of this office.	101.39
Do.....	do.....	do.....	Easton, Md.; Norfolk, Va. (Jan. 12-14, 1916).	To meet with Peninsula Horticultural Society to discuss proposed work for next season, and meet with representatives of Southern Produce Co., local experiment station and State board of agriculture, to discuss proposed work for the next season.	21.80
Do.....	do.....	do.....	Albany, New York, N. Y. (Jan. 17-20, 1916).	To meet with State agricultural society to discuss proposed work for next season.	30.55

Do....	do.....	To interview several eligibles for appointment to positions to be filled in this office.	41.91
Sherman, A. S.....	Clerk.....	To assist in conduct of the branch market news service in that city.	9.30
Sherwood, S. F.....	Chemistry.....	To prepare samples of sorghum syrup under varying conditions and for studying the chemical composition and variations in sorghum products in connection with the enforcement of the food and drugs act.	177.35
Do.....	do.....	To secure samples and information relative to the production of sugar beets by the use of the "barium process," to determine whether or not such sugar is injurious.	78.24
Shibley, J. G.....	Insecticide and Fungicide Board.	To prepare samples of sorghum syrup under varying conditions and for studying the chemical composition and variations in sorghum products in connection with the enforcement of the food and drugs act.	95.40
Do.....	do.....	To collect samples.....	5.85
Do.....	do.....	do.....	16.65
Do.....	do.....	To collect samples and investigate shipping records.	25.27
Shilling, Leo, L.....	Clerk.....	To collect samples.....	3.75
Shipp, E. S.....	Photographer.....	do.....	24.62
Shoemaker, D. N.....	Horticulturist.....	To make a record of wood samples	1.92
Do.....	do.....	To secure photographs of various views in the areas visited in bulletins or other publications of the Forest Service.	206.82
Do.....	do.....	To inspect and study experiments with truck crops and secure data for use in horticultural investigations.	86.05
Do.....	do.....	do.....	55.30
Do.....	do.....	do.....	147.28
Do.....	do.....	Saginaw, St. Johns, Corunna, Grand Rapids, La Grange, Hart, Remus, Lansing, Bad Axe, Port Huron, Mich.; Pittsburgh, Pa. (Sept. 6-Oct. 4, 1915); Pitts-Highlands, N. C. (Oct. 22-29, 1915); Columbus, Lima, Cleveland, Ohio; Grand Rapids, St. Johns, Owosso, Mich. (Dec. 26, 1915-Jan. 7, 1916).	61.65
Do.....	do.....	do.....	62.73
Shore, H. J.....	Bacteriologist.....	Chicago, Arlington Freight, Ill. (Aug. 9-18, 1915).	95.74
Do.....	do.....	Peoria, Ill.; Ames, Iowa (Nov. 4-9, 1915).....	91.83

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Shore, H. J. Do.....	Bacteriologist.....do.....	Animal Industry	Philadelphia, Pa. (Mar. 16, 1916). Chicago, Ill.; Kansas City, Mo. (Apr. 11-17, 1916).	To inspect the establishment producing serum. To attend a meeting of inspectors detailed to inspect licensed establishments preparing hog cholera virus and anthog cholera serum.	\$10.96 90.95
Do.....	.....do.....	Plant Industry	New York, N. Y.; Athens, Greece, N. J. (May 12, 1916).	To inspect herds of swine.....	18.54
Shull, J. Marion.....	Botanical artist.....	Presque Isle, Me. (Aug. 16-Sept. 6, 1915).....	To make drawings of potatoes showing effect of diseases in various stages, in connection with cotton and truck disease investigations.	124.44	
Sievers, A. F.....	Chemical biologist.....	Baltimore, Md.; Philadelphia, Pa.; New Brunswick, N. J.; New York, N. Y. (Aug. 16-21, 1915).	To inspect machinery for pul-plant materials and to confer with scientists, manufacturers, dealers, and others regarding different phases of the work of drug-plant in restorations.	20.15	
Silberberg, B. H..... Do.....	Microanalyst.....do.....	Chicago, Ill. (July 29-Aug. 4, 1915). Charleston, W. Va. (Nov. 21-22, 1915).....	To make a study of pepper shells in ground pepper.	16.05	
Do.....	.....do.....	Chicago, Ill. (Feb. 23-28, 1916). Staunton, Va. (May 22-29, 1916).....	To appear as a witness in a case reported for prosecution.	31.50	
Silver, James, Jr..... Do.....	Biological assistant.....do.....	Various points in North Dakota (Apr. 7-May 11, 1916).	To study the depredations of field mice in orchards and nurseries.	50.90	
Simons, Lloyd R.....	Agriculturist in extension work.	States Relations Service.	Mineola, N. Y. (Feb. 19-26, 1916).....	To conduct investigations for the purpose of devising practical means for the destruction of ground squirrels and to organize field parties to conduct operations for their control on Government lands.	18.30
Do.....	.....do.....	Glenwood, Broteen, Minn.	(Mar. 4-30, 1916).	To confer with officials in relation to conduct of farmers' cooperative demonstration work in the North and West.	189.02
Do.....	.....do.....	Mineola, White Plains, Ithaca, N. Y. (Apr. 24-May 3, 1916).	Ames, Iowa; Manhattan, Kans. (May 15-June 16, 1916).	To confer with State leader and county agents and assist in the organization of farmers' cooperative demonstration work.	44.65
Do.....	.....do.....	Brattleboro, Burlington, Bellows Falls, Vt. (June 21-30, 1916).	Brattleboro, Burlington, Bellows Falls,	do.....	227.84
Do.....	.....do.....	Philadelphia, Pa. (Sept. 14-22, 1915).....	Philadelphia, Pa. (Sept. 14-22, 1915).....	To confer with officials in relation to conduct and organization of farmers' cooperative demonstration work in the North and West.	71.54
Simonton, Vincent de P.....	Law clerk.....	Office of the Secretary.	Nashville, Tenn. (Oct. 1-5, 1915). Savannah, Tybee Beach, Ga. (Mar. 1-11, 1916).	To confer with State and other officials in relation to the conduct of farmers' cooperative demonstrations in the Northern and Western States.	50.90
Do.....	.....do.....	.....do.....	New York, N. Y.; New Haven, Conn. (May 13-22, 1916).	To conduct legal work of the department under the food and drug act.	59.06
Do.....do.....do.....do.....	do.....	81.90
Do.....do.....do.....do.....	do.....	55.28

EXPENDITURES FOR TRAVEL, DEPARTMENT OF AGRICULTURE.

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Simpson, F. M.	Assistant in marketing live stock and meats.	Office of Markets and Rural organization.	To study live-stock markets, obtain information on the feasibility of a plan for bringing together the producer and the consumer of feeder stock, and in conjunction with some of the State officials, to make a special study of the live-stock marketing conditions in the State of Colorado. To make a study of central live-stock markets in accordance with a proposed publication on the subject, and to investigate the authenticity of alleged practices against stockmen by companies and individuals handling live stock.	158, 13
Do.	do.	do.	do.	395, 10
Do.	do.	do.	do.	62, 70
Do.	do.	do.	do.	70, 60
Do.	do.	do.	do.	75, 45
Pittsburgh, Pa.; St. Louis, Kansas City, Mo.; Omaha, Nebr.; Spokane and other points in Washington; Portland, Ore.; Salt Lake City, Utah; Denver, Colo.; Fort Worth, Tex.; Chicago, Ill. (Sept. 14-Oct. 30, 1915).	Indianapolis, Ind.; Peoria, Chicago, Ill.; Louisville, Ky.; Cincinnati, Ohio (Aug. 8-Sept. 3, 1915).	Meeker, Glenwood Springs, Grand Junction, Colo.; Chicago, Ill. (July 1-16, 1915).	To participate in the conference on the marketing of live stock and the distribution of meats. To assist in conducting a conference relative to "Five-day market," and investigate the marketing of live stock at central markets. To investigate conditions and facilities for handling live stock in the city of Chicago at the point of transfer to the Junction Railway; also to investigate the driving of hogs and sheep certain distances from farm to shipping point, time necessary for the unloading of live stock at the stockyards, and driving of same to scales and packing houses.	70, 60
Chicago, Ill. (Nov. 13-17, 1915).	Chicago, Ill. (Nov. 28-Dec. 4, 1915).	Cincinnati, Ohio (May 17-21, 1916)	To attend convention of National Live Stock Exchange.	50, 30
Chicago, Ill. (Mar. 4-11, 1916).	do.	Glenolden, Pa., June 18-19, 1916).	To inspect the Bureau station.	13, 67
do.	do.	State College, Pa. (Sept. 12-16, 1915).	To conduct soil aldehyde experiments and fertilizer ratio experiments in cooperation with the Pennsylvania Experiment Station, in connection with soil-fertility investigations.	26, 88
Veterinary Inspector.	Animal Industry.	Scottdsburg and other points in Indiana (Nov. 29-Dec. 4, 1915).	To secure samples of soil for use in experimental work with clovers, in connection with forage crop investigations.	65, 85
Skidmore, D. I.	Plant Industry.	State College, Pa. (Apr. 13-18, 1916).	To continue work on fertilizer ratio experiments in connection with soil-fertility investigations.	33, 23
Skinner, J. J.	Biochemist.	Ithaca, Utica, N. Y. May 28-June 1, 1916).	To inspect soils and inaugurate cooperative fertilizer experiments.	46, 73
do.	do.	Yellowstone Park region and adjacent points in Wyoming, Montana, and Idaho (May 11-June 30, 1916).	To study the birds and mammals, make photographs, collect specimens, and gather information on the distribution and habits of game and other animals.	142, 96
do.	do.	Pomeroy, Middleport, Ohio; Mason City, Charleson, W. Va. (Sept. 20-1915).	To conduct salt investigations.	57, 17
do.	do.	Chemist in charge, water laboratory.		

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Skinner, W. W.	Chemist in charge, water laboratory.	Chemistry	Atlanta, Ga. (Oct. 15-22, 1915). Parkersburg, Mason City, W. Va.; Pomeroy, Ohio (Nov. 8-12, 1915). Fort Worth, Mineral Wells, Tex. (Dec. 13-24, 1915).	To interview prospective expert witnesses for the trial of a case arising under the food and drugs act. To conduct salt investigations..... To make a special investigation of the mineral wells in the vicinity of Mineral Wells, Tex. To conduct salt investigations.....	\$65.90 40.64 123.60 34.67
Do.	do.	do.	Parkersburg, Mason City, W. Va.; Pomeroy, Ohio (Jan. 5-8, 1916).	To make investigations of springs and other sources of water supply.	139.28
Do.	do.	do.	Cincinnati, Ohio; Chicago, Ill.; Colfax, Des Moines, Iowa; Detroit, Clemens, Mich.; Buffalo, N. Y. (March 1-15, 1916); St. Louis, Mo.; Fort Worth, Mineral Wells, Waco, Marlin, Dallas, Tex.; Hot Springs, Ark. (March 19-30, 1916).	To investigate springs and other sources of water supply, and for a conference with bureau officials and others regarding a plan for the abatement of conditions at Mineral Wells, Tex., and other points, do.	112.89 61.50
Do.	do.	do.	Memphis, Tenn.; Atlanta, Ga.; Greenville, S. C. (Mar. 31-Apr. 4, 1916); Grafton, Parkersburg, Mason City, W. Va.; Pomeroy, Middleport, Ohio (Apr. 14-16, 1916).	To conduct salt investigations.....	21.63
Do.	do.	do.	Columbus, Cincinnati, Ohio; Indianapolis, Ind.; Urbana, Haaglers, Daupville, Ill.; Louisville, Dawson Springs, Ky. (Apr. 16-26, 1916).	To make investigations of springs and other sources of water supply.	87.00
Do.	do.	do.	Norfolk, Va. (Jan. 23-25, 1916).	To examine and select types of tinged, stained, and blue cotton for use in preparing Official Cotton Standards for United States for colored cottons. do. do.	17.10
Slade, H. C.	Assistant in cotton marketing.	Office of Markets and Rural organization.	New York, N. Y. (Jan. 29-Feb. 5, 1916). Points in Tennessee, Missouri, Oklahoma, Texas, Louisiana, Alabama, Georgia, North Carolina, and Virginia (Mar. 12-Apr. 27, 1916). Craford, N. H., and points in White Mountains (Aug. 27-Oct. 31, 1915). Bellsville, Md. (July 1-Dec. 27, 1915, Jan. 8-June 30, 1916) (various trips). New York, N. Y. (Dec. 28, 1915-Jan. 7, 1916).	To examine and select samples of cotton, suitable for use in the preparation of the Official Cotton Standards for color. To assist as transitman in survey work in the White Mountains region. To assist in the poultry experimental work conducted at the United States Experimental Farm. To assist in the assembling and putting in place of the bureau's poultry exhibit at the Madison Square Poultry and Pigeon Exhibition. Studying systems of farming adapted to the swamp lands.	49.90 380.50
Do.	do.	do.	Forest Service.	Transitman.	136.08
Starow, M. G.	Transitman.	do.	Animal Industry.	Scientific assistant in animal husbandry. do.	65.95
Slocum, Rob. R.	do.	do.	do.	do.	69.37
Smalley, H. R.	Assistant agriculturist.	Office of the Secretary (farm management).	Hamlet, Nappanee, Goshen, Ligonier, Churubusco, Fort Wayne, Ind. (July 1-26, 1915).	Assistant agriculturist (farm management).	149.45

EXPENDITURES FOR TRAVEL, DEPARTMENT OF AGRICULTURE. 163

		403.10
Do.....	do.....	
Smith, A. G.....	Agriculturist.....	
Do.....	do.....	
Smith, A. W.....	Assistant chief, Office of Accounts.	
Do.....	do.....	
Do.....	do.....	
Smith, C. B.....	Chief, office of extension work in the North and West.	
Do.....	do.....	
Hamlet, South Bend, Kentland, La Fayette, Ind.; Decatur, Holland, Fennville, Saginaw, St. Charles, Capae, Adrain, Mendon, Kalamazoo, Mich.; Thief River Falls, Baneroff, Minn. (Aug. 9-Oct. 22, 1916).	To hold a field conference and making a farm survey of 300 farms in Frederick County, Md. To obtain data concerning muck land experiments to be used in the completion of the publication on the development and management of muck lands.	22.59
Frederick, Md. (Oct. 25-30, 1915).....	To study systems of grain and stock farming adapted to the muck lands.	67.03
La Fayette, Angola, Hamlet, Ind. (Apr. 16-23, 1916).	To investigate the cost of producing cotton and other crops.	66.76
Forest, Hamlet, Ind. (May 29-June 15, 1916).	To make farm-management investigations as to the cost of producing cotton and other crops.	17.70
Columbia, S. C. (July 1-7, 1915).....	.....do.....	49.65
Columbia, S. C. (July 8-Sept. 30, 1915).....	.....do.....	106.15
Columbia, Rock Hill, Belton, Spartanburg, S. C. (Nov. 3, 1915-Jan. 6, 1916).	.....do.....	75.80
Columbia, Rock Hill, Orangeburg, S. C. (Jan. 7-Apr. 9, 1916),	.....do.....	52.45
Columbia, S. C. (Apr. 10-May 4, 1916) Orangeburg, Columbia, Elorree, S. C. (May 6-June 30, 1916).	.....do.....	55.22
San Francisco Cal.; Portland, Oreg.; Missoula, Mont.; Albuquerque, N. Mex. (July 1-28, 1915).	To inspect the work of district fiscal agents' offices and to take temporary charge of the accounts office at San Francisco.	123.15
Areas in Arkansas, Oklahoma, Florida, New Hampshire, West Virginia, Virginia, Tennessee, Georgia, North Carolina, South Carolina (Apr. 15-May 1, 1916). Headquarters of Wichita, Ozark, Arkansas, Georgia, Savannah, Boone, Mount Mitchell, Nathala, and Pisgah areas (June 2-25, 1916).	To give instruction and assistance in accounting matters to forest officers in charge of areas.	105.54
Chicago, Ill.; Elmira, Ithaca, N. Y. (July 1-2, 1915) (trip began in previous year).	To inspect accounting and other records of the forests and areas visited.	215.39
States Relations Service.	To inspect and supervise farmers' cooperative demonstration work.	15.63
Chief, office of extension work in the North and West.		
Do.....	do.....	
San Francisco, Oakland, Berkeley, Cal.; Reno, Nev.; Portland, Oreg.; Seattle, Spokane, Wash.; Fargo, N. Dak.; St. Paul, Minn.; Lansing, Saginaw; Coldwater, Mich. (July 31-Sept. 7, 1915).	To confer with State and department officials in relation to extension and demonstration work and to attend, in connection with regular travel itinerary, annual conference of extension directors; conference of western agricultural colleges; and annual meeting of the American Home Economics Association for the purpose of delivering addresses on the purpose and progress of farmers' cooperative demonstration and agricultural extension work of the department.	305.80
Boston, Haverhill, Mass.; Durham, N. H.; Portland, Bangor, Orono, Me.; Fall River, Mass. (Oct. 1-10, 1915).	To confer with State officials and department agents in relation to the organization and progress of farmers' cooperative demonstration and extension work.	73.30
Do.....	do.....	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Smith, C. B.	Chief office of extension work in the North and West.	States Relations Service.	Ithaca, N. Y.; St. Louis, Mo. (Nov. 9-21, 1915).	To inspect progress of agricultural extension work; to confer with State leaders of the service in relation to organization, progress, and results of farmers' cooperative demonstration work.	\$111.68
Do.	do.	do.	Lincoln, Nebr. (Dec. 11-14, 1915)	To examine demonstration and extension work and to confer with State and department officials and field employees in relation to progress of work.	88.27
Do.	do.	do.	Altoona, Pa.; Columbus, Cincinnati, Ohio; La Fayette, Indianapolis, Ind.; Champaign, Kankakee, Chicago, Ill.; Kalamaزو, Lansing, Battle Creek, Mich. (Feb. 28-Mar. 10, 1916).	..... do.	105.15
Do.	do.	do.	New York, N. Y.; Boston, Mass.; Claremont Junction, N. H.; Windsor, Vt. (Mar. 23-27, 1916).	..... do.	47.71
Do.	do.	do.	Chicago, Ill.; Toledo, Ohio (Apr. 9-19, 1916).	To confer with extension directors, county agents, and home economics extension workers in relation to the progress and conduct of their work.	65.00
Do.	do.	do.	New York, N. Y. (May 28-30, 1916)	To confer with extension specialists in regard to extension work in Maine for the ensuing fiscal year to be carried on under cooperative funds.	20.65
Do.	do.	do.	Albany, N. Y. (June 21-23, 1916)	To confer with extension specialists in relation to the conduct and progress of the work.	28.66
Smith, Glyde N.	Assistant dairy husbandman.	Animal Industry.	Providence, Kingston, East Greenwich, R. I.; New York, N. Y. (July 24-Aug. 6, 1915).	To secure cow-testing association data and to assist in organizing new cow-testing associations.	94.73
Do.	do.	do.	Poins in New Jersey, Massachusetts, Vermont, Rhode Island, and New Hampshire (Sept. 10, 1915-Jan. 13, 1916).	To secure cow-testing association data and to assist in organizing new associations and to supervise the cow-testing work of the bureaus.	618.43
Smith, C. S.	Assistant district forester.	Forest Service.	San Francisco, Cal. (Apr. 1-6, 1916)	Return to station after detail to Washington office.	113.10
Smith, E. B.	Associate mechanical engineer.	Office of Public Roads and Rural Engineering.	Philadelphia, Pa. (Aug. 19, 1915)	To investigate gas engines....	7.70
Do.	do.	do.	Chicago, Ill.; Newark, Ohio (Feb. 13-29, 1916).	To investigate concrete as a road material.	91.08
Smith, E. E.	Junior chemist.	Chemistry.	Syracuse, Rochester, N. Y.; Cleveland, Ohio, points in the States of New York, Ohio, and Pennsylvania (July 1-31, 1915).	To assist in the not-weight work investigations....	181.46

Do.	do.	do.	182.00
Do.	do.	do.	133.06
Smith, H. A.	Editor	Forest Service	306.25
Smith, H. E.	Veterinary inspector	Animal Industry	728.70
Do.	do.	do.	56.03
Do.	do.	do.	22.83
Do.	do.	do.	101.26
Smith, H. R.	Assistant chemist	Chemistry	2.25
Do.	do.	do.	2.90
Smith, J.	Assistant in market surveys	Office of Markets and Rural Organization	387.23
Smith, R. F.	Assistant	Chemistry	89.04
Do.	do.	do.	76.27
Do.	do.	do.	82.20
Do.	do.	do.	4.34
Do.	do.	do.	26.25
Smith, Russell S.	Assistant milk specialist	Animal Industry	241.32
Do.	do.	do.	12.84
Do.	do.	do.	6.05
Do.	do.	do.	192.43

Lorain, Vermilion, Toledo, Ohio; Jackson, Monroe, Kalamazoo, Mich.; Indianapolis, Rochester, Logansport, Ind., other points in the States of Ohio, Michigan, and Indiana (Aug. 1-31, 1915). Chicago, Danville, Waukesha, Freeport, Ill.; Dubuque, Waterloo, Council Bluffs, Iowa; other points in the States of Illinois and Iowa (Sept. 1-Oct. 29, 1915). Missoula, Mont.; Albuquerque, N. Mex.; San Francisco, Cal.; Portland, Ore.; Washington, D. C.; and other points in the national forests (July 1-Aug. 16, 1915). Hartford, Conn.; Boston, Littleton, Mass.; points in Illinois and Ohio (July 1, 1915-Jan. 3, 1916). Near-by points in Maryland and Virginia (Jan. 4-Mar. 31, 1916, except Mar. 9-11, 1916). Johnson City, Tenn. (Mar. 9-11, 1916) Points in Maryland and Virginia in the vicinity of the District of Columbia (Apr. 1-June 30, 1916). Baltimore, Md. (Sept. 14, 1915) Baltimore, Md. (June 26, 1916). Various points in the States of Texas, Arkansas, Kansas, and Missouri (Apr. 7-June 30, 1916).

Indianapolis, Ladoga, and other points in Indiana; Cincinnati, Dayton, Eaton, Greenville, and other points in Ohio (Sept. 13-30, 1915). Louisville, Ky.; Chicago, Ill. (Oct. 1-31, 1915). Chicago, Ill. (Nov. 1-30, 1915). Chicago, Ill. (Dec. 1-16, 1915). Peoria, Springfield, Ill. (June 21-28, 1916). Keebler, Iowa; Kansas City, Mo.; Omaha, Kans.; Auburn, Bangor, Augusta, Waterville, Lewiston, Me. (July 1-Sept. 9, 1915). Beltsville, Md. (Sept. 13-30, 1915). Beltsville, Md. (Oct. 6-13, 1915) To supervise the handling of milk. To supervise the handling of milk with a view to securing a uniformly low bacterial count. To score dairy farms. Winona, Rochester, Minn.; Galesville, Wis.; Dubuque, Davenport, Iowa (Jan. 25-Feb. 18, 1916).

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Smith, Russell S.....	Assistant milk specialist.	Animal Industry	Oberlin, Cleveland, Ohio; St. Louis, Mo. (June 21-30, 1916).	To give instruction to the local dairy inspector at Oberlin, Ohio, and to assist the Bureau of Chemistry, local officials, and farmers in cooperative work in their efforts to improve the milk supply. To appear as witness for Government in the case of the United States v. Pittsburgh Melting Co., do.....	\$77.70 33.00 69.00
Smith, Wm. H., Jr.....	Veterinary inspector.....	do.....	Pittsburgh, Pa. (July 5-9, 1915).....	To interview experts to obtain their services as witnesses to testify at the trial of the ease United States v. St. Louis Independent Packing Co. for an alleged violation of department regulations governing the preparation of meat food products.	87.40
Do.....	do.....	do.....	Baltimore, Md.; Harrisburg, Pa.; New York, N. Y.; Detroit, Mich. (Sept. 24-28, 1915),	To assist the Solitor's office in securing witnesses on behalf of the United States in the case of United States v. St. Louis Independent Packing Co., of St. Louis, Mo.	99.86
Do.....	do.....	do.....	Cincinnati, Ohio; St. Louis, Mo. (Dec. 9-18, 1915).	To interview experts to obtain their services as witnesses in the case of the United States v. St. Louis Independent Packing Co. for an alleged violation of department regulations governing the preparation of meat food products.	125.94
Do.....	do.....	do.....	St. Louis, Mo. (Jan. 25-Feb. 2, 1916).....	To inspect farmers' cooperative demonstration work. To inspect farmers' cooperative demonstration work, attend annual conference of agricultural extension work directors, present a paper before the conference of western agricultural colleges and schools, and to attend the annual meeting of the American Home Economics Association.	412.75
Smith, W. S. A.....	Expert in farm practice.....	States Relations Service.....	Champaign, Chicago, Peoria, Ill.; Hastings, Jefferson, Iowa (July 3-15, 1915); San Francisco, Cal.; Portland, Ore.; Tacoma, Spokane, Pullman, Walla Walla, Wash.; Pocatello, Idaho; Salt Lake City, Utah; Denver, Grand Junction, Colorado Springs, Colo.; Laramie, Wyo. (July 28-Aug. 10, 1915).	To confer with State and county leaders of farmers' cooperative demonstration work and to inspect work in progress.	134.25
Do.....	do.....	do.....	Hastings, Council Bluffs, Sioux City, Iowa; De Kalb, Champaign, Pontiac, Bloomington, Ill. (Sept. 20-Oct. 3, 1915).	To examine farm-management demonstration work and to confer with practical farmers.	6.44
Do.....	do.....	do.....	Frederick, Md. (Oct. 27-28, 1915).....	To confer with State leaders of the States Relations Service in relation to conduct and progress of county agent work and plans for future work.	73.85
Do.....	do.....	do.....	St. Louis, Mo. (Nov. 15-20, 1915).....	To attend conference of department officials on foot-and-mouth disease.	65.00
Do.....	do.....	do.....	Chicago, Ill. (Nov. 28-30, 1915).....	To address State Grain Growers' Association on "Cattle production."	36.17
Do.....	do.....	do.....	St. Paul, Minn.; Fargo, N. Dak.; Sioux City, Iowa (Jan. 18-21, 1916).	To study work of negro demonstration agents.....	27.20
Do.....	do.....	do.....	Hampton, Va. (Apr. 7-14, 1916).....	To confer with county agents relative to farmers' cooperative demonstration work.	53.15
Do.....	do.....	do.....	Newark, Dover, Clayton, Del.; Trenton, Newark, N. J. (Apr. 17-27, 1916).		

Do	do	do	10.19
Do	do	To obtain detailed records and information concerning cropping systems with alfalfa.	76.81
Do	do	To examine demonstration and extension work and to confer with officials in relation to their work.	157.23
Do	do	To visit stockyard centers to investigate methods followed by bureau employees in the inspection and certification of livestock for interstate movement.	24.50
Do	do	Studying methods used, equipment required, labor performed, and the cost in growing and finishing sheep.	279.98
Snyder, Nellie F.....	Specialist in home canning.	To conduct canning demonstrations in connection with girls' canning club work in the Northern and Western States.	
Do	do		
Do	do		
Do	do		
Do	do		
Do	do		
Snyder, Oscar.....	Messenger boy.....	do	76.79
Do	do	do	212.72
Snyder, T. E.....	Entomological assistant.	do	
Do	do	do	
Soletsky, David.....	Junior bacteriologist.	Chemistry.....	
Do	do	do	
Do	do	do	
Sparhawk, W. N.....	Forest examiner.....	Forest Service.....	
Speare, A. T.....	Mycosentomologist.....	Entomology.....	
Do	do	do	
Smithsburg, Md.....	Baltimore, Md. (Apr. 19, 1916).....	Daltimore, Md. (Apr. 19, 1916).....	60
	Hagerstown, Md. (May 1-2, 1916),	Smithsburg, Hagerstown, Md. (May 1-2, 1916),	2.35
		do	9.41

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Spoer, C. F.	Assistant chemist....	Chemistry	Beaumont, Remlig, Tex.; Kinder, New Orleans, Reeves, Glenmore, La.; and near-by points in Louisiana and Texas; Roparville, Baxerville, Miss. (July 1-31, 1915).	To investigate the grading, weighing, and handing of naval stores and preparation of definite type samples thereof.	\$131.22
Do....	do....	do....	New Orleans, La., and points in Louisiana; Biloxi, Gulfport, Miss.; Pensacola, Fla.; Evergreen, Mobile, Ala. (Aug. 1-12, 1915); New York, N. Y.; Boston, Mass.; Bridgeport, New Haven, Conn. (Feb. 29-Mar. 17, 1916).	do.....	84.56
Do....	do....	do....	Philadelphia, Pa.; Wilmington, Newark, Del.; Baltimore, Md. (Apr. 10-14, 1916); Baltimore, Md. (Apr. 18, 1916).....	do.....	81.62
Do....	do....	do....	Elizabeth, N. J.; Newark, N. J.; New York (N. Y.) (Apr. 23-28, 1916).	do.....	26.77
Do....	do....	do....	Pittsburgh, Pa.; Cleveland, Ohio; Detroit, Mich.; Chicago, Ill.; St. Louis, Mo. (May 8-25, 1916).	do.....	3.30
Do....	do....	do....	New York, N. Y. (June 24-27, 1916).....	do.....	45.53
Spilman, W. J.	Chief of Office of Farm Management.	Office of the Secretary (farm management).	Berkeley, Cal.; McMinnville, The Dalles, Ore.; Pullman, Wash. (Aug. 5-21, 1915).	To study systems of farming, methods of farm management and their adaptation to the different sections mentioned above; conferring with agricultural experiment station officials relative to the foregoing work.	150.05
Do....	do....	do....	South Bend, Elkhart, Ind.; Niles, Kalamazoo, Adrian, Dundee, Mich.; Kendallville, Bryan, Delta, Ohio (Sept. 19-26, 1915).	To confer with assistants in charge of farm organization, investigations in regard to present and future work in the States mentioned above.	19.00
Do....	do....	do....	Frederick, Md. (Oct. 25-30, 1915).....	To hold a field conference and making a farm survey of 300 farms in Frederick County, Md.	16.94
Do....	do....	do....	Ithaca, N. Y.; Sparts, Md. (Nov. 13-24, 1915).	To address farmers' meeting at Sparts, Md.; and conferring with assistants at Ithaca, N. Y., to arrange for cooperative work in farm organization investigations.	29.53
Do....	do....	do....	Columbia, S. C. (Jan. 11-13, 1916).....	To confer with agents of the Office of Farm Management and addressing the South Carolina live-stock association in connection with farm management problems in the Southern States.	33.55
Do....	do....	do....	Birmingham, Ala. (Mar. 18-21, 1916).....	To confer with representatives of the Office of Farm Management in regard to their work.	56.90
Do....	do....	do....	Sparks, Md. (Apr. 17, 1916).....	To study farm organization.....	5.28

Do.....	do.....	To study farm practices and farm management investigation and consulting with experiment station officials regarding future work.	130.38
Do.....	do.....	To investigate problems in farm management and farm practice.	9.88
Do.....	do.....	To study farm management conditions in Michigan, in connection with a farm management survey conducted in that area.	53.06
Squire, C. H.....	Clerk....	To inspect claims and occupancy work of the branch of lands.	579.55
Stabler, H. O.....	Assistant district forester.	To inspect the Savannah areas, particularly with regard to telephone construction.	104.90
Do.....	do.....	To inspect field and office work on the Shenandoah area.	81.50
Do.....	do.....	To inspect field and office work on the Arkansas, Ozark, and Wichita National Forests.	230.12
Do.....	do.....	To instruct and assist forest officers in charge of areas in the preparation of allotment estimates for the coming fiscal year.	139.34
Stambaugh, V. G.....	Junior animal husbandman.	To conduct the horse and mule investigations at the United States Experimental Farm.	1.67
Do.....	do.....	To supervise the military horse breeding work at Front Royal, Va., in the absence of the regular official in charge.	44.23
Stanton, T. R.....	Scientific assistant....	To study and assist with oat experiments and confer with experiment station officials and oat growers concerning cooperative work with oats, in connection with cereal investigations.	126.78
Steddon, R. P.....	Chief meat inspection division.	To attend the case of Pittsburgh Melting Co against an official of the bureau and the Baltimore & Ohio R. R. Co.	31.96
Do.....	do.....	To investigate conditions at Denver, Colo., with special reference to the personnel of the bureau force and the meat-inspection service at that point.	138.72
Do.....	do.....	To observe the method of conducting the Federal meat-inspection service.	203.45
Stedman, J. M.....	Farmers' institute specialist.	To investigate and report on the organization and progress of farmers' institutes.	431.75
Do.....	do.....	To investigate and report on the progress of farmers' institutes and to deliver an address on the work of the Department of Agriculture at the annual meeting of the farmers' institute lecturers.	43.11
Do.....	do.....	To deliver an address on department work at annual conference of State leaders in farmers' cooperative demonstration work.	74.95

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Stedman, J. M.	Farmers' institute specialist.	States Relations Service.	New York, Chatham, Poughkeepsie, Kingston, Cooperstown, Richfield Springs, Union Springs, Auburn, Rochester, Aurora, N. Y.; Philadelphia, Pa. (May 7-18, 1916).	To confer with county agricultural agents and farmers' institute workers regarding future studies and work and to report on same.	\$78.18
Stephenson, C. H.	Scientific assistant....	Chemistry.	Baltimore, Md. (Aug. 22-23, 1915).....	To supervise the repacking of beans.....	5.75
Do.	do	do	Baltimore, Md. (Aug. 29-30, 1915).....	do.....	5.75
Do.	do	do	Wilmington, Del.; Princess Ann, Berlin, Claiborne, Annapolis, Baltimore, Md. (Sept. 20-24, 1915).	To conduct investigations in the manufacture of certain tomato products.	23.33
Do.	do	do	Charleston, Huntington, W. Va. (Nov. 21-24, 1915).	To appear as a witness in a case reported for prosecution.	36.65
Do.	do	do	Baltimore, Md. (Dec. 15-18, 1915).....	To supervise the repacking of beans.....	13.70
Do.	do	do	New York, N. Y. (Dec. 21-24, 1915).....	To appear as a witness in a case reported for prosecution.	24.85
Do.	do	do	New York, N. Y. (Dec. 27-29, 1915).....	do.....	20.80
Do.	do	do	Baltimore, Md. (Jan. 16-19, 1916).....	To supervise the repacking of beans.....	11.65
Do.	do	do	Indianapolis, Ind.; Cincinnati, Ohio (May 3-6, 1916).	To appear as a witness in a case reported for prosecution in Indianapolis and to conduct investigations in the manufacture of certain tomato products in Indiana and around Cincinnati.	54.26
Sterrett, W. D.	Forest examiner....	Forest Service.	Lancaster, Mass., and various points in the Northeastern and Eastern States (July 7-Sept. 27, 1915).	To undertake the remeasurement of permanent tree sample plots in the Eastern States.	363.27
Do.	do	do	Keeeysville, Md. (Apr. 10-11, 1916).....	To make an examination of a privately owned wood lot.	4.56
Stevens, F. D.	Assistant agriculturist.	Office of the Secretary (farm management).	Birmingham, Moundville, Akron, Uniontown, Evans, Greensboro, Eutaw, Boligee, Forkland, Van Dorn, Demopolis, Allenville, Faunsdale, Marion, Centerville, Newcastle, Pinson, Mobile, Foley, Creola, Robertsville, Fairhope, Deer Park, Meridian, Epes, Livingston, York, Cedarville, Cordland, Ala. (July 1, 1915-June 30, 1916).	To investigate and encourage the adoption of improved methods of farm management and farm practice.	338.19
Stevenson, A. E.	Junior chemist....	Chemistry.	Chicago, Ill. (Oct. 17-18, 1915).....	To be permanently assigned to the Chicago laboratory.	26.30
Stevenson, Geo. H.	Expert in agricultural extension work.	States Relations Service.	Richmond, Va. (Oct. 11-13, 1915).....	To confer with county agents in relation to the conduct and progress of farmers' cooperative demonstrations in the South.	18.85
Do.	do	do	Knoxville, Tenn. (Oct. 25-30, 1915).....	do.....	50.65
Do.	do	do	St. Louis, Mo.; Little Rock, Ark. (Nov. 14-27, 1915).	To confer with State and county agents regarding conduct and progress of county agent work and plans for future work.	124.15

Do.....	do.....	Boston, Mass.; New York, N. Y. (Mar. 3-5, 1916).	To attend conferences of department officials and State authorities of the New England Federation of Rural Progress.	33.40
Do.....	do.....	Raleigh, N. C.; Clemson College, S. C.; Athens, Ga. (June 1-11, 1916).	To confer with director of extension and State agents regarding agricultural extension work.	87.28
Stewart, M. M.....	Assistant in grades and standards.	Baltimore, Hancock, Md. (Aug. 20, 1915).	To study the grading and packing of peaches.	10.34
Do.....	do.....	Annapolis, Berlin, Salisbury, Md.; New York, N. Y. (Aug. 27-Sept. 4, 1915).	do.....	56.13
Do.....	do.....	Buffalo, Lockport, Middleport, Olcott, Beach, N. Y. (Sept. 7-12, 1915).	do.....	45.11
Do.....	do.....	Roanoke, Staunton, Va. (Sept. 27-Oct. 8, 1915).	To study picking, grading, packing, handling, and shipping of apples.	63.10
Do.....	do.....	Hancock, Hagerstown, Md.; Gettysburg, Pa.; Norfolk, Va. (Oct. 12-16, 1915).	do.....	27.10
Do.....	do.....	Philadelphia, Pa.; New York, Rochester, N. Y. (Oct. 25-Nov. 2, 1915).	do.....	59.74
Do.....	do.....	Baltimore, Md.; New York, N. Y. (Mar. 19-May 3, 1916).	To make a special study of the handling of perishable fruits and vegetables as well as prices of such products on the New York market, in connection with the market news service of the Office of Markets and Rural Organization.	160.84
Stockberger, W. W.....	Physiologist.	Sacramento, Tehama, San Francisco, Cal.; Portland, Independence, Salem, Ore.; Seattle, Wash.; Fond du Lac, Madison, Wis.; Newark, Ohio (Aug. 6-Sept. 25, 1915); Orlando, Fla. (Jan. 3-9, 1916).	To inspect experimental work in connection with drug-plant investigations.	314.08
Do.....	do.....	Denver, Colo. (Sept. 15-Nov. 2, 1915).	To assist in the installation and demonstration of the exhibit of the department at the International Dry Farm Congress, Denver, Colo.	203.21
Stoddard, A. L.....	Clerk.	Alexandria, Va. (Apr. 10-25, 1916).	To assist in making an inventory of exhibit material belonging to the department at Alexandria, Va.	2.50
Do.....	do.....	Office of the Secretary.	To carry on experiments in burning and blasting stumps and conducting cooperating work between the logged-off lands investigations and the farmers' demonstrations work by giving demonstrations of burning and blasting methods used to remove stumps.	637.99
Strait, E. D.....	Scientific assistant.	Office of the Secretary (farm management).	Crystal Falls, Attkinson, Amosa, Balsam, Mansfield, Iron Mountain, Randville, Vulcan, Norway, Loretto, Mich.; Duluth, Nickerson, Minn.; South Range, Superior, Wis.; Roseburg, Salem, Portland, Tillamook, Clifton, Clifton, Oreg.; Cathlamet, Montesano, Aberdeen, Tacoma, Seattle, Belligham, Kent, Gig Harbor, Edgewood, Blaine, Algona, Auburn, Sumner, Sunnydale, Renton, Bothell, Milton, Brookdale, Wash. (July 1-Dec. 5, 1915).	132.66
Do.....	do.....	Forest, Frankfort, Russiaville, Ind. (May 13-18, 1916).	To assist in making a farm-management survey.	132.66

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name	Title	Bureau	Destination	Business or work.	Total expense.
Strait, H. G.	Assistant.....	Office of the Secretary (firm management)	Towson, Md.; West Chester, Norristown, Pa.; New Brunswick, N. J.; Ithaca, Interlaken, Geneva, Binghamton, Oweg, Elmira, Sidney, Oneonta, Hobart, Cort- land, N. Y.; Aurora, Ill.; Beloit, Janes- ville, Whitewater, Fort Atkinson, Madi- son, Wis. (July 18-Oct. 18, 1915); Binghamton, Sidney, Ithaca, N. Y. (Jan. 23-28, 1916).	To collect data on the cost of producing corn silage, capacity of silos, shrinkage of silage, and cost of storing silage.	\$490.82
Do.....	do.....	do.....	Binghamton, Sidney, Geneva, N. Y. (Apr. 23-28, 1916).	do.....	69.55
Do.....	do.....	do.....	Front Royal, V.a.; Baltimore, Md.; New York, Palatine Bridge, Rochester, N. Y. (July 1-10, 1915).	To investigate the manufacture of jellies, jams, preserves, marmalades, etc.	89.90
Do.....	do.....	do.....	Chattanooga, Tenn.; Mobile, Ala.; Arte- ria, Miss. (July 11-Aug. 12, 1915).	do.....	60.36
Do.....	do.....	do.....	Boston, Mass.; New York, N. Y.; Phila- delphia, Pa. (Sept. 1-17, 1915).	do.....	116.82
Do.....	do.....	do.....	New York, Poughkeepsie, N. Y. (Sept. 23-28, 1915).	do.....	59.48
Do.....	do.....	do.....	Alexandria, Va. (7 trips, Oct. 2-9, 1915).	do.....	36.93
Do.....	do.....	do.....	Gainesville, Jacksonville, Tallahassee, Lakeland, Auburndale, Fla. (Oct. 11- 20, 1915).	do.....	1.75
Do.....	do.....	do.....	Baltimore, Md. (Nov. 1, 1915).	do.....	92.70
Do.....	do.....	do.....	Front Royal, Va. (Nov. 3-6, 1915).	do.....	2.35
Do.....	do.....	do.....	Front Royal, Va. (Nov. 8-11, 1915).	do.....	16.65
Do.....	do.....	do.....	Baltimore, Md. (Nov. 19-24, 1915).	do.....	16.50
Do.....	do.....	do.....	Baltimore, Md. (Nov. 26-27, 1915).	do.....	22.00
Do.....	do.....	do.....	Baltimore, Md. (Nov. 28-Dec. 4, 1915).	do.....	8.40
Do.....	do.....	do.....	Baltimore, Md. (Dec. 15-17, 1915).	do.....	27.00
Do.....	do.....	do.....	Front Royal, V.a. (Feb. 10-14, 1916).	do.....	19.50
Do.....	do.....	do.....	Baltimore, Md. (Feb. 23-24, 1916).	do.....	8.30
Do.....	do.....	do.....	Tallahassee, Fla. (Feb. 26-Mar. 16, 1916).	To attend meeting of county agents for purpose of giving instruction in making jellies, jams, mar- malades, etc.	89.30
Do.....	do.....	do.....	Front Royal, Va. (Mar. 27-30, 1916).	To investigate the manufacture of jellies, jams, preserves, marmalades, etc.	18.35
Do.....	do.....	do.....	Alexandria, Va. (Apr. 4, 1916).	do.....	.25
Do.....	do.....	do.....	Morganstown, W. Va. (Apr. 11-14, 1916).	To instruct county agents in canning-club work in connection with farmers' cooperative demon- strations.	30.04
Do.....	do.....	do.....	Baltimore, Md. (Apr. 17-18, 1916).	do.....	6.15

EXPENDITURES FOR TRAVEL, DEPARTMENT OF AGRICULTURE. 173

Do.	do.	do.	23.92
Do.	do.	do.	42.90
Do.	do.	do.	115.99
Do.	do.	do.	20.03
Do.	do.	do.	35.25
Do.	Dairy husbandman	Animal Industry	32.50
Stuart, Duncan.	do.	Cow-testing Association	6.02
Stuart, George A.	Assistant.	To continue experimental work in the manufacture of paper from agricultural by-products, in connection with paper plant investigations.	141.81
Sudworth, Geo. B.	Assistant forester.	To examine and make recommendation for the care of tree growth on the United States naval station lands at Charleston.	9.75
Do.	do.	To confer with importers of cotton as to the best means of guarding against the introduction and establishment of the pink bollworm and other cotton insects, and to confer with the officials in charge of the enforcement of the gipsy moth and brown-tail moth quarantine.	41.75
Do.	do.	To investigate the geographic distribution, habitat, and growth characteristics of forest trees in these regions, giving special attention to new and little-known species.	505.22
Do.	do.	To confer with customs officials and importers of cotton waste and to look into other matters connected with the importation and disinfection of foreign cotton.	44.90
Do.	do.	To investigate the different grades of waste arising in the manufacture of cotton in relation to the regulation of utilization of waste from foreign cottons.	4.45
Do.	do.	To examine the growth on the grounds of the New York Naval Station for the purpose of instructing the officer in charge as to treatment and care of the trees; to inspect the tree-planting operations at all the coast defenses in and about Boston Harbor.	53.05
Sullivan, A. L.	Chemist in charge, Washington laboratory.	Baltimore, Md. (Aug. 18-20, 1915).....	12.55
Do.	do.	Baltimore, Love Point, Md. (Aug. 25-31, 1915). do.....	32.19

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Sullivan, A. L.	Chemist in charge, Washington laboratory.	Chemistry	Rehoboth, Lewes, Harrington, Del.; Chil- borne, Ocean City, Preston, Hurlock, Easton, Queen Anne, Ridgely, Hillsboro, Queenstown, Md. (Sept. 1-20, 1915). Baltimore, Md. (Oct. 12, 1915)	To make an investigation of tomato canneries.....	\$92.45
Do.	do.	do.	Baltimore, Md. (Oct. 29-30, 1915)	To confer with bureau officials and others in regard to the examination of shucked oysters.	2.85
Do.	do.	do.	Baltimore, Md.; New York, N. Y.; Bridgeport, Conn.; Keyport, N. J.; Great Kills, Princess Bay, N. Y. (Nov. 1-16, 1915)	To conduct experimental work in packing oysters and to inspect oyster-packing establishments. .....do.	8.25
Do.	do.	do.	New York, N. Y.; Boston, Mass.; Providence, R. I.; New Haven, South Norwalk, Conn.; Sayville, Greenport, L. I.; Philadelphia, Pa. (Nov. 19-29, 1915). Norfolk, Cape Charles, Keller, Wash- ingtne Va.; New York, N. Y.; South Norwalk, New Haven, Conn.; Mattea- wan, Keppot, N. J.; Baltimore, Md. (Jan. 4-14, 1916).	.....do.	113.30
Do.	do.	do.	Baltimore, Md. (Feb. 2, 1916) .....	.....do.	79.36
Do.	do.	do.	Hurlock, Salisbury, Crisfield, Md. (Feb. 10-19, 1916).	.....do.	73.56
Do.	do.	do.	Baltimore, Md.; Reedville, Sunny Banks, Coan, Mandy Point, Va. (Apr. 26-29, 1916).	To make inspections of various herring establish- ments.	27.40
Do.	do.	do.	Haye de Grace, Perryville, Md. (May 3-4, 1916).	.....do.	3.00
Do.	do.	do.	Cumberland, Md. (June 27, 1916)	To examine samples of milk and cream and arrang- ing for a milk campaign.	49.53
Summers, T. H.	Scientific assistant.... (Farm Management).	Office of the Secretary (Farm Management).	Greeley, Fort Collins, Denver, Colo.; Salt Lake City, Ogden, Elgin, Garland, Utah July 7-Oct. 18, 1915. Ithaca, N. Y. (Dec. 5-9, 1916)	To assist in the investigation of the cost of pro- ducing sugar beets in the States mentioned.	10.69
Do.	do.	do.	.....do.	To confer with experiment station official concern- ing sugar-beet records taken by him at Rocky Ford, Colo.	467.73
Do.	do.	do.	.....do.	To take enterprise survey records of sugar beets.. .....do.	28.71
Taber, W. C.	Assistant chemist....	Chemistry	Caro, Bay City, Alma, Grand Rapids, Lansing, Mich.; Paulding, Defiance, Bryan, Toledo, Ohio (Apr. 20-June 30, 1916). San Francisco, Cal. (July 22-Aug. 1, 1916).	To be temporarily assigned to the San Francisco laboratory.	253.70
					111.10

Do.....	do.....	do.....	To resume his duties in Washington after a temporary assignment at San Francisco.	114.85
Taylor, A. E.....	do.....	do.....	To perform inspection work, study methods, conduct investigations, and other work in connection with the enforcement of the food and drugs act.	6.40
Do.....	do.....	do.....	New York, N. Y.; Boston, Mass.; Philadelphia, Pa. (Oct. 15-23, 1915).	26.77
Do.....	do.....	do.....	New York, N. Y.; Philadelphia, Pa. (Dec. 15-20, 1915).	25.15
Do.....	do.....	do.....	New York, N. Y.; Boston, Mass. (Feb. 15-23, 1916).	46.82
Do.....	do.....	do.....	Philadelphia, Pa.; New York, N. Y.; Boston, Mass. (May 21-31, 1916).	57.97
Taylor, Fred.....	Cotton technologist.....	Office of Markets and Rural Organization.....	Memphis, Tenn.; Little Rock, Scott, Ark.; Sweetwater, El Paso, Tex.; Tempe, Ariz.; El Centro, Cal.; Shreveport, La.; Birmingham, Ala.; Rome, Ga.; Raleigh, N. C. (Aug. 19-Sept. 20, 1915). Fall River, New Bedford, Mass. (Jan. 30-Feb. 6, 1916).	365.41
Do.....	do.....	do.....	Baltimore, Md. (Apr. 11, 1916).	4.45
Do.....	do.....	do.....	Providence, R. I.; Fall River, New Bedford, Lowell, Boston, Mass.; New York, N. Y. (Apr. 13-20, 1916).	59.91
Do.....	do.....	do.....	Points in the States of North Carolina, Georgia, Mississippi, Tennessee, Arkansas, Oklahoma, Texas (May 11-June 12, 1916).	291.41
Taylor, Geo. B.....	Market milk specialist.....	Animal Industry.....	Annapolis, Gambrills, Md. (Nov. 23, 1915). Annapolis, Md. (Dec. 30, 1915) Ecclension, Md. (Mar. 9, 1916). Meridian, Miss.; Cincinnati, Ohio (May 20-June 12, 1916).	2.39
Do.....	do.....	do.....	do.....	1.01
Do.....	do.....	do.....	do.....	3.65
Do.....	do.....	do.....	To inaugurate a milk-inspection system at Meridian, Miss., and to judge a market milk contest held under the auspices of the health department of Cincinnati, Ohio.	139.17

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work,	Total expense.
Taylor, R. L....	Assistant.....	Plant Industry.....	Norfolk, Va., and vicinity (Nov. 14-18, 1915).	To secure data on the results of the cotton variety tests being conducted in connection with crop acclimatization investigations.	\$17.75
Taylor, Wm. A.....	Chief of Bureau of Plant Industry.	.....do.....	Mandan, Dickinson, N. Dak.; Huntley, Billings, Mont.; Jerome, Shoshone, Idaho; Greeley, Akron, Fort Collins, Denver, Rocky Ford, Colo. (July 26-Aug. 17, 1915).	To inspect field work of the bureau, and confer with bureau officials and others relative to the various lines of experiments and investigations being carried on by the Bureau of Plant Industry.	207.24
Taylor, W. P.....	Assistant biologist.....	Biological Survey.....	Various points in Arizona (May 2-June 30, 1916).	To assist in the biological survey of Arizona, to gather data concerning the habits and distribution of birds and mammals, and to determine the life zones of the areas visited.	245.62
Teale, R. P.....	Irrigation economist.....	Office of Public Roads and Rural Engineering.	Points in California, Nebraska, Illinois, Colorado, Utah, Nevada, Arizona, Texas, New Mexico, Louisiana (Nov. 16-Dec. 21, 1915).	To inspect farm irrigation and supervise field work.	273.65
Thawley, W. R.....	Clerk.....	Office of Markets and Rural Organization.	Vaidosta, Ga. (June 27-30, 1916).	To disseminate daily market news on cantaloupes and watermelons.	57.00
Thom, Chas.....	Mycologist in charge, microbiological laboratory.	Chemistry.....	Sandusky, Fremont, Ohio; Chicago, Ill.; Racine, Wis. (Aug. 18-27, 1915).	To make investigations of the sauerkraut industry.	73.63
Do.....	do.....	Philadelphia, Pa. (Sept. 15-18, 1915).	do.....	do.....	23.92
Do.....	do.....	Richmond, Va. (Dec. 15-16, 1915).	do.....	do.....	9.85
Do.....	do.....	Urbana, Champaign, Chicago, Ill. (Dec. 27, 1915-Jan. 4, 1916).	To attend the meeting of the Society of American Bacteriologists.	do.....	69.96
Do.....	do.....	New York, N. Y.; New Haven, Middletown, Berlin, Conn. (Feb. 15-19, 1916).	To make investigations of the sauerkraut industry.	do.....	29.23
Do.....	do.....	New York, N. Y. (Mar. 5-10, 1916).	To appear as a witness in a case reported for prosecution.	do.....	34.22
Do.....	do.....	New York, N. Y. (Mar. 12-16, 1916).	do.....	do.....	27.63
Do.....	do.....	New York, N. Y. (May 9-10, 1916).	do.....	do.....	17.90
Do.....	do.....	Ilmanic, Conn. (May 21-25, 1916).	do.....	do.....	44.38
Thompson, C. W.....	Specialist in charge, rural organization.	Office of Markets and Rural Organization.	Charlottesville, Va. (July 6-7, 1915).	To deliver a lecture before the Rural Life Conference of the University of Virginia Summer School, and to confer with Mr. Garnett relative to the social and economic survey that is being made in Albemarle County, Va.	10.90
Do.....	do.....	Chicago, Ill; Milwaukee, Eau Claire, Wis.; Minneapolis, Minn. (July 31-Aug. 31, 1915).	To study farm mortgage and bond institutions; also existing methods and facilities for farm mortgages, as well as other forms of rural credit.	do.....	109.36
Do.....	do.....	St. Louis, Mo. (Oct. 6-9, 1915).....	To attend the annual convention of the Farm Mortgage Bankers' Association of America, and to deliver an address on "The problem of farm mortgage credit in the United States."	do.....	65.35

EXPENDITURES FOR TRAVEL, DEPARTMENT OF AGRICULTURE. 177

Do...	do.....	To attend the National Conference on Marketing and Farm Credits and deliver an address on "Providing credit during production."	64.20
Do...	do.....	To consult with H. A. Gibbs, former secretary of building and loan association, and the Black Bros., representing a local building and loan association, and to consult other officials about rural credit work and organization work of county agents.	92.15
Do...	do.....	To investigate existing cooperative agencies for furnishing credit to rural communities, and obtain an address on "Rural credits" before the convention of the All-Minnesota Development Association, St. Paul, Minn.	138.57
Chicago, Ill.; Stoughton, Madison, Wis.; St. Paul, Ryansville, Minn.; Fargo, N. Dak.; Aberdeen, Vermillion, S. Dak.; Sioux City, Whiting, Marion, Monicello, Manista, Mantle, Iowa; Oxford Junction, Chicago, Ill. (June 10-28, 1916). Ladysmith, Civiitz, Ellis Junction, Wis. (Aug. 7-21, 1915).	do.....	To investigate the methods and cost of clearing logged-off lands and their utilization for agricultural purposes; carrying on experiments in burning and pulling stumps.	96.49
Evansville, Rockport, Lawrenceville, Vincennes, Booneville, Newburg, Princeton, Mount Vernon, Winslow, Ind.; Brown, Chicago, Olney, Ill.; Kent, Seattle, Tacoma, Milton, Wash. (Oct. 4-Dec. 5, 1915). Mount Vernon, Wash. (June 16-30, 1916). Pittsburgh, Grove City, Pa. (July 6-9, 1915).	do.....	To investigate the methods and cost of clearing logged-off lands and their utilization for agricultural purposes.	400.76
Thompson, Harry....	Office of the Secretary (farm management).	do.....	do.....
Thompson, Harry....	Agriculturist.	do.....	do.....
Do....	do.....	do.....	151.23 36.70
Thompson, S. C....	Dairy manufacturing specialist.	do.....	To look up marketing and transportation facilities for the products of the bureau's experimental creamery at Grove City, Pa.
Do....	do.....	do.....	To inspect the operation of the bureau's experimental creamery and to investigate the marketing and transportation facilities for the product of the creamery.
Do....	do.....	do.....	To arrange for marketing the product of the Grove City creamery, which is operated under the supervision of the bureau.
Do....	do.....	do.....	To confer with bureau employees and State officials regarding cooperative work.
Do....	do.....	do.....	To inspect work in progress at the bureau's experimental creamery.
Do....	do.....	do.....	To confer with bureau employees regarding work in progress; also to superintend the operation of the bureau's experimental creamery.
Do....	do.....	do.....	To confer with butter dealers in Philadelphia and New York, N. Y., concerning the handling of butter from the Grove City creamery, operated by the bureau; to confer with bureau employees and State officials in Vermont; and to confer with butter dealers in Boston relative to market conditions and to inspect renovated butter factories in that city.

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Thompson, S. C.....	Animal industry specialist.	Grove City, Pa. (Sept. 7-11, 1915).....	To supervise the work at the experimental creamery at Grove City.	\$31.11	
Do	do.....	Grove City, Pa. (Sept. 19-21, 1915).....	To confer with bureau employees regarding the operation of the creamery at Grove City, Pa.	26.01	
Do	do.....	Atlanta, Ga.; Clemson College, S. C.; Auburn, Ala.; Des Moines, Waterloo, Iowa; Albert Lea, St. Paul, Mora, Minneapolis, Minn.; Brookings, S. Dak.; Chicago, Ill. (Sept. 22-Oct. 10, 1915).	To confer with bureau representatives and State extension and dairy officials regarding creamery work now in progress or proposed; to Chicago to confer with the bureau inspector of renovated butter factories relative to his work and to study marketing conditions made.	203.03	
Do	do.....	Philadelphia, Pittsburgh, Meadville, Allegheny, Pa. (Oct. 26-29, 1915).	To investigate the cause of delay in transportation of butter shipped from the Grove City creamery, also to examine the butter to determine the quality when it reaches its destination.	43.93	
Do	do.....	Allegany, Pittsburgh, Grove City, Pa.; New York, N. Y. (Nov. 3-7, 1915).	To confer with butter dealers regarding the handling of butter from the Grove City creamery; and to investigate general butter market conditions; and to confer with bureau employees at Grove City regarding the operation of the creamery.	45.90	
Do	do.....	Grove City, Pa. (Nov. 17-20, 1915).....	To confer with bureau officials concerning the operation of the creamery at Grove City, Pa.	27.91	
Do	do.....	Philadelphia, Pa. (Dec. 4, 1915).....	To confer with butter dealers in regard to handling the output of the Grove City creamery.	10.01	
Do	do.....	Grove City, Pittsburgh, Pa. (Dec. 13-16, 1915).	To confer with employees of the bureau concerning the operation of the creamery at Grove City, Pa.	26.50	
Do	do.....	Grove City, Pa. (Jan. 18-21, 1916).....	do.....	28.90	
Do	do.....	Kalamazoo, Mich.; Indianapolis, Ind.; Elwood, Mich.; Munroe, Richmond, Ind.; Chicago, Ill.; St. Paul, Redwood Falls, Minn.; Grove City, Pa. (Feb. 7-25, 1916).	To attend a meeting of the Michigan City Butter-makers' Convention at Kalamazoo, Mich.; to points in Indiana to make a survey of creamy conditions in connection with the State drug and food department; to Chicago to confer with bureau employees regarding work in the State; to points in Minnesota to confer with dairy officials and investigate the possibilities of developing creamery extension work in the State; and to Grove City, Pa., to confer with bureau employees regarding the operation of the creamery at that point.	155.10	
Do	do.....	Grove City, Pa. (Mar. 8-10, 1916).....	To confer with bureau employees concerning the operation of the creamery at that point.	24.80	
Do	do.....	Grove City, Pa. (Apr. 13-16, 1916)	do.....	26.72	
Do	do.....	Grove City, Pa. (May 8-11, 1916).....	To confer with bureau employees regarding the operation of the experimental creamery.	27.44	

78.27

Do.....	do.....	To confer with butter dealers in Philadelphia and New York about handling the product of the Grove City creamery. To confer with bureau employees and State dairy officials in Vermont and observe the work carried on at creameries; also to inspect a butter printing device at Auburn, Me., and to inspect a renovated butter factory in Boston and observe the butter condition at that market.
Do.....	do.....	To confer with bureau employees regarding the operation of the creamery and to observe the methods employed.
Do.....	do.....	To confer with butter dealers in Philadelphia who are handling the product from the creamery at Grove City, Pa., and to confer with bureau employees at Grove City, Pa., regarding the operation of the creamery at that place.
Do.....	do.....	To confer with bureau employees and observe the methods of operating the creamery at that place.
Do.....	do.....	To confer with field assistants working in cooperation with agricultural colleges.
Do.....	do.....	To confer with State college officials relative to cooperative work.
Thomson, E. H.	Assistant chief of office of farm management.	To confer with college officials.....
Do.....	do.....	To study methods used, equipment required, labor performed, and the cost of growing and finishing sheep.
Do.....	do.....	To study the cost of producing apples in the foregoing States.
Thomson, S. M.	Scientific assistant....	800.01
Do.....	do.....	To hold a field conference and making a farm survey of 300 farms in Frederick County, Md.
Thurston, W. B.	Dairy manufacturing specialist.	24.81
Tilley, F. W.	Senior bacteriologist....	To assist the local creamery with the installation and operation of a pasteurizer and stainer maker.
Do.....	do.....	To investigate the infectiousness of certain imported hides and the proper disinfection at the tanneries.
Tillotson, C. R.	Forest Service.....	21.60
Do.....	do.....	To attend a meeting of the American Leather Chemists' Association.
Do.....	do.....	To assist in obtaining farm-management data relating to wood lots in Vermont and to continue farm wood-lot studies in the other States named.
Do.....	do.....	To assist in the field work on the project study marketing wood-lot products.
		171.52
		To assist in the studies of the pineries and of the marketing of wood-lot products.
		171.52

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Tobin, J. J.	Assistant in road economics.	Office of Public Roads and Rural Engineering.	Abingdon, Va. (July 11-14, 1915).....	To take traffic census.....	\$35.69
Do.....	do.....	do.....	Mullins, Va. (July 18-21, 1915).....	do.....	32.74
Do.....	do.....	do.....	Seneca, S. C. (July 23-25, 1916).....	do.....	32.94
Do.....	do.....	do.....	Fairfax, Va. (July 30, 1915).....	To investigate road management.....	1.13
Do.....	do.....	do.....	Henderson, Va. (Aug. 4-5, 1915).....	To make study of county system of roads.....	4.80
Do.....	do.....	do.....	Alexandria, Va. (Aug. 14, 1915).....	To make economic study of post road.....	1.13
Do.....	do.....	do.....	Pittsburgh, Pa.; Louisville, Ky.; Nashville, Memphis, Tenn. (Sept. 1-Oct. 7, 1915).....	To give advice, lectures, and demonstrate road and bridge models.....	299.57
Do.....	do.....	do.....	Points in Mississippi and Alabama (Oct. 16-31, 1915), Lebanon, Pa. (Nov. 22-23, 1915).....	do.....	132.60
Do.....	do.....	do.....	Points in Massachusetts (Dec. 9-31, 1915).....	To make economic studies of county systems of highways.....	13.95
Do.....	do.....	do.....	College Park, Md. (Jan. 10, 1916).....	To give lecture on road economics.....	164.34
Do.....	do.....	do.....	College Park, Md. (Jan. 14, 1916).....	do.....	.15
Do.....	do.....	do.....	Richmond, Va. (Jan. 17-20, 1916).....	To give advice, lectures, and demonstrate road and bridge models.....	.15
Do.....	do.....	do.....	Bloomsbury, N. J.; New London, Conn. (Jan. 25-28, 1916).....	do.....	20.70
Do.....	do.....	do.....	Crookston, Minn.; points in Indiana (Feb. 7-29, 1916). Points in Iowa (Mar. 1-Apr. 20, 1916).....	To study county and township systems of highways and to give advice, lectures, and demonstrate road and bridge models.....	32.16
Do.....	do.....	do.....	Philadelphia, Pa.; Newark, N. J. (May 12-30, 1916). Frederick, Md. (Oct. 25-30, 1915).....	To study county systems of highways.....	205.60
Do.....	do.....	do.....	Mount Weather, Va. (July 16-20, 1915).....	To hold a field conference and make a farm survey of 300 farms in Frederick County, Md. To make inventory of condemned property.....	298.18
Tolley, H. R.	Computer.....	Office of the Secretary (farm management), Weather.....	Boston, Mass.; other points in Massachusetts (Mar. 25-Apr. 25, 1916). New York, Brooklyn, N. Y.; Newark, N. J.; other points in the States named (June 11-30, 1916). Toledo, Ohio; Denver, Fort Collins, Rocky Ford, La Junta, Colo.; Phoenix, Glendale, Ariz.; Los Angeles, Compton, Oxford, San Francisco, Cal.; Salt Lake City, Ogden, Utah; Billings, Mont.; Garden City, Kans. (Aug. 4-Sept. 18, 1915).	To assist in the supervision of the disinfection of imported cotton. To supervise the disinfection of cotton at fumigating plants.	21.69
Tomlin, R. M.	Minor clerk.....	Entomology.....	Plant Industry.....	To investigate the production of sugar-beet seed and general sugar-beet conditions, and consult with the field men engaged in sugar-beet investigations.	26.03
Tower, Daniel G.	Scientific assistant.....	do.....	Pathologist in charge sugar-beet investigations.	442.93	
Do.....	do.....	do.....			16.85
Townsend, C. O.	do.....	do.....			168.94
					78.30

Do.....	do.....	do.....	Toledo, Ohio; Chicago, Ill.; Denver, La Juntas, Rocky Ford, Colo.; Phoenix, Glendale, Ariz.; Los Angeles, San Francisco, Cal.; Salt Lake City, Ogden, Utah; Aberdeen, Blackfoot, Idaho; Garden City, Kans.; Detroit, Mich. (Mar. 18-Apr. 28, 1916).	85.77
Tracy, W. W.....	Superintendent testing gardens.	Office of the Secretary.	Cleveland, Ashtabula, Painesville, Ohio; Great Lake, Rochester, Detroit, Mich. (Sept. 6-18, 1915). New York, N. Y. (Jan. 18-23, 1916).....	To inspect variety trials and field cultures of vegetables, in connection with horticultural investigations. To investigate charges preferred against officials of the Bureau of Animal Industry.
Trowbridge, Geo. E.....	Law clerk.....	do.....	Denver, Colo.; Deadwood, S. Dak.; San Francisco, Cal. (Apr. 29-June 30, 1916).	To assume charge temporarily of the work of the assistants to the solicitor in certain western forest districts.
Do.....	do.....	do.....	Beltsville, Md. (Nov. 29, 1915).....	To obtain photographs for use in illustrating proposed publications of the department.
Truax, H. E.....	Scientific assistant.....	States Relations Service.	Philadelphia, Meadville, Pa.; Providence, R. I.; Albany, N. Y.; Chicago, Ill.; Lafayette, Ind. (Feb. 1-9, 1916).....	To investigate visual instruction in agricultural education and to investigate and report upon the teaching of agriculture in schools, and to obtain information in connection with department work relating to agricultural schools.
Trowbridge, Geo. E.....	Law clerk.....	do.....	New Orleans, La.; San Antonio, Laredo, and other points in Texas; St. Louis, Mo. (Mar. 25-Apr. 27, 1916).	To study the harvesting, grading, packing, and shipping of Bermuda onion and to determine what will constitute practicable grades for this crop.
Do.....	do.....	do.....	Baltimore, Md.; Philadelphia, Pa.; New York, N. Y.; Boston, Mass. (May 5-16, 1916).	To study quality and condition of onion receipts with a comparison of prices received to complete investigations.
Do.....	do.....	do.....	Springdale, Ark.; points in Kentucky, Maryland, and Delaware (May 24-June 5, 1916). Norfolk, Tasley, Onancock, Onley, Old Point, Va. (June 23-30, 1916). San Francisco, Cal. (Aug. 4-18, 1915).....	To study harvesting, grading, and packing of strawberries in order to determine the best methods of handling the crops.
Do.....	do.....	do.....	New York, N. Y. (Oct. 21-23, 1915).....	To study the handling, grading, packing, and marketing of potatoes.
Do.....	do.....	do.....	St. Louis, Mo. (Nov. 9-11, 1915).....	To attend conference of State agricultural extension directors; the annual meeting of the Association of American Agricultural Colleges; and the Association of Farmers' Institutes Workers.
Do.....	do.....	do.....	do.....	To confer with teachers of agriculture and home economics from North Atlantic States regarding educational and extension work of the States Relations Service.
True, A. C.....	Director States Relations Service.	do.....	do.....	To confer with State leaders of the States Relations Service in relation to the organization, progress, and conduct of farmers' cooperative demonstration work.
Do.....	do.....	do.....	do.....	To confer with negro agents in extension work in relation to the organization, progress, and conduct of farmers' cooperative demonstration work.
Hampton, Va. (Nov. 14-21, 1915).....	do.....	do.....	do.....	9.40

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
True, A. C.	Director, States Relations Service.	States Relations Service.	Columbus, Ohio (Jan. 31-Feb. 3, 1916)..... Boston, Mass. (Mar. 2-4, 1916).....	To confer with officials engaged in cooperative extension work regarding their work. To confer with experiment station and extension officers and to address New England Federation for Rural Progress.	\$46.71 37.35
Do.	do.	do.	Chicago, Ill.; Agricultural College, Miss.; New Orleans, Baton Rouge, La.; Clemson College, S. C. (Apr. 10-23, 1916). New York, N. Y. (May 28-30, 1916).....	To confer with experiment station and extension officers and to address the Conference for Education and Industry in the South at New Orleans. To confer with director of extension work in Maine and to address the home economics department of the General Federation of Women's Clubs on "The Smith-Lever extension act and its administration." To investigate physiological conditions underlying diseases of cabbage and spinach.	144.78 19.73
True, R. H.	Physiologist in charge drug and other plants.	Plant industry..... do.	Norfolk, Va., and vicinity (Oct. 25-27, 1915). Norfolk, Va., and vicinity (Nov. 29-Dec. 2, 1915). Boston, Mass.; New York, N. Y. (Oct. 3, 1915-June 1, 1916).	..... ..... To secure quotations on spot cotton and information relative to and assisting in the proper execution of the provisions of the United States cotton futures act.	11.94 14.66 769.30
Tucker, H. E.	Assistant in cotton classing.	Office of Markets and Rural Organization.	Lynchburg, Farmville, Petersburg, South Boston, Va.; Wilson, Raleigh, Durham, Reedyville, Greensboro, Salisbury, N.C.; Clarksville, Hopkinsville, Madisonville, Henderson, Louisville, Ky. (Aug. 10-29, 1915).	To obtain records of tenant farms showing methods of rental and distribution of receipts and expenses, also assisting in making farm management surveys.	116.23
Turner, H. A.	Scientific assistant....	Office of the Secretary (farm management).	Various points in the States of Massachusetts, New York, New Jersey, and Delaware (Sept. 30-Oct. 13, 1915). Baltimore, Md. (Jan. 11, 1916).....	To inspect certain plants engaged in the manufacture of fertilizer from municipal and trade waste; to observe developments recently made in the methods used.	100.45
Turnerine, J. W.	Scientist in soil laboratory investigation.	Soils..... do.	do. do.	To inspect and obtain information regarding certain machinery which may be used in equipping a proposed kelp fertilizer plant, and to witness a test exhibition of a large capacity kiln.	3.17
Do.	do.	do.	do.	To confer with manufacturers of gas machinery, and to visit plants using said machinery, with a view to determining its adaptability for the distillation of kelp.	36.44
Do.	do.	do.	do.	Various points in the States of New York, New Jersey, and Connecticut. (Mar. 1-5, 1916).	

Do.....	do.....	77.08	To attend a meeting of the water, sewage, and sanitation division of the American Chemical Society for the purpose of taking part in a symposium on the production of "Activated sewage sludge," and its utilization for fertilizer purposes; to confer with members of the society and others regarding problems under investigation by this bureau in connection with the utilization of city wastes as a means of fertilizer, and to witness certain demonstrations at the Illinois State Water Service Laboratory in converting sewage and city wastes into fertilizers.
Urbe, Ignacio.....	Agent.....	36.10	To the Republic of Colombia, South America, to assist in obtaining information of conditions in that country as they relate to the cattle industry, in order that this department may determine the advisability of permitting the importation into the United States of cattle from that country.
Van Fleet, Walter.....	Physiologist.....	53.35	To study the chestnut-bark disease and secure material for breeding resistant chestnuts. In connection with investigations in forest pathology.
Do.....	do.....	361.03	To continue the testing and propagating of various Van Fleet hybrids, and experiments in the production of blight-resistant chestnuts; and to confer with cooperators, private experimenters, and others relative to the propagation and distribution of new introductions, in connection with foreign seed and plant introduction.
Valgren, V. N.....	Investigator in agricultural insurance.	91.19	To deliver an address on "True and False economy in mutual insurance" before the National Association of Mutual Insurance Companies at its annual meeting in Minneapolis, Minn.; gather information on various phases of agricultural insurance at this meeting and elsewhere, and also participate in conference between the officers of the National Council of Cooperative Associations and the directors of the Farmers' Cooperative Elevator Mutual Insurance Association of Iowa, and assist in a revision of the constitution and by-laws of said company.
Do.....	do.....	114.14	To study methods and plans used and results obtained by the farmers' mutual insurance companies in the States named.
Do.....	do.....	10.67	To interview members and officers of farmers' mutual insurance associations, and to gather information on mutual fire and live-stock insurance in Lancaster County.

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Valgren, V. N.	Investigator in agricultural insurance.	Office of Markets and Rural Organization.	St. Louis, Kansas City, Mo.; Topeka, Lawrence, Kans.; Des Moines, Iowa; Chicago, Ill. (Nov. 8-21, 1915).	To deliver an address on "A few dangers and temptations in farmers' mutual insurance," before the State Association of Farmers' Mutual Insurance Companies, held at Marshall, Mo.; also deliver an address on "True and false economy in mutual insurance," before the State Association of Farmers' Mutual Insurance Companies at Des Moines, Iowa; and gather information regarding methods and plans used and results obtained in farmers' cooperative insurance in the States named.	\$121.06
Do.	do.	do.	Cincinnati, Ohio; Indianapolis, Kokomo, Warsaw, Fort Wayne, Ind. (Jan. 3-11, 1916).	To attend the annual meeting of the Indiana Mutual Cyclone Insurance Co., to be held in Indianapolis, and the annual convention of the Mutual Insurance Companies' Union of Indiana, and deliver an address before the latter on "The principle of stoppage at the source applied to mutual insurance," and gather information regarding methods and plans used and results obtained in farmers' cooperative insurance in Indiana.	68.11
Do.	do.	do.	Columbus, Ohio; Indianapolis, Ind.; Hamilton, Convoe, Bowling Green, Woodville, Wadsworth, Ohio (Feb. 14-24, 1916).	To attend the annual convention of the Federation of Mutual Insurance Associations of Ohio, and deliver an address before this convention on the "Principle of stoppage at the source applied to mutual insurance," and assist a committee on the revision of the by-laws for the Indiana Mutual Cyclone Insurance Co.	81.01
Do.	do.	do.	Chicago, Ill.; various points in South Dakota, North Dakota, and Montana (June 10-30, 1916).	To gather information concerning farmers' mutual fire, windstorm, hail, and live stock insurance companies in the States mentioned, and disseminate among the officers and members of these companies information concerning plans of efficient organization and improved insurance methods; also study the possibilities of further extension of this form of rural cooperation.	198.47
Veitsch, F. P.	Chemist in charge leather and paper laboratory.	Chemistry.	Moscow, Deary, Idaho; St. Paul, Minn.; Madison, Wis. (July 1-7, 1915).	To consult on chemical methods of utilizing wood and wood products.	56.30
Do.	do.	do.	Cincinnati, Ohio (Oct. 18-23, 1915).....	To conduct investigations on the grading, handling and weighing of naval stores.	53.95
Do.	do.	do.	New York, Rochester, Buffalo, N. Y. (Mar. 10-17, 1916).....	do.	68.38

Do.....	do.....	To attend the meeting of the American Society for Testing Materials.	22.27
Viehoever, Arno.....	Pharmacognosist in charge, pharmacognosy laboratory.	To investigate the cleaning and drying of crude drugs.	3.50
Do.....	do.....	To inspect crude drugs, drug spices, and foodstuffs; investigate the methods of collecting, cleaning and other ways of handling crude drugs; inspect and collect plants used in connection with the above investigation.	28.58
Do.....	do.....	do.....	37.73
Do.....	do.....	do.....	100.80
Do.....	do.....	To inspect experiments with sorghums and other dry land forage crops, in connection with forage crop investigations.	44.15
Vinal, H. N.....	Agronomist.....	Plant Industry.....	579.33
Vipond, B. L.....	Clerk.....	Office of Public Roads and Rural Engineering.....	10.25
Do.....	do.....	Baltimore, Md. (Nov. 2-4, 1915)	8.45
Do.....	do.....	Baltimore, Md. (Nov. 23, 1915)	2.80
Voshell, J. T.....	Senior highway engineer.	Norfolk, Va. (July 1, 1915).....	19.15
Do.....	do.....	Alexandria, Va. (July 3, 1915).....	35
Do.....	do.....	Baltimore, Md. (July 8, 1915).....	3.96
Do.....	do.....	Fauquier County, Va. (July 14-15, 1915).....	10.90
Do.....	do.....	Zanesville, Ohio; Oklahoma City, Okla.; Caldwell, New Braunfels, Tex.; Marion, Ind. (Nov. 18-Dec. 3, 1915); Lexington, Ky. (May 5-6, 1916); Bloomington, Ind. (May 7-8, 1916).....	221.04
Do.....	do.....	To confer with highway officials.....	25.75
Do.....	do.....	To inspect progress of work on county system of roads.	12.98
Do.....	do.....	To inspect post road and give advice as to road surfacing.	42.95
Do.....	do.....	To confer with county officials relative to administration of work proposed to be done under recent bond issues.	43.30
Vrooman, Carl.....	Assistant Secretary of Agriculture.	Champaign, Bloomington, Peoria, Ill.; Hastings, Jefferson, Iowa, Omaha, Nebr. (July 1-15, 1915).	122.82
Do.....	do.....	To deliver an address at Peoria, Ill. Looking into the situation in live stock and other market-ing work.	63.13
		To deliver an address before the Lincoln Jubilee Celebration at Chicago, Ill. Looking into live-stock marketing.	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Vrooman, Carl	Assistant Secretary of Agriculture.	Office of the Secretary	Chicago, Bloomington, Ill. (Aug. 21-Sept. 10, 1915). Bloomington, Chicago, Ill.; Hastings, Council Bluffs, Sioux City, Iowa. (Sept. 16-Oct. 5, 1915).	Attending tractor demonstrations at Bloomington, Ill. Address before the Interstate Fair, Sioux City, Iowa. Address before the Sioux City Commercial Club. Inspecting the work of county agents.	\$89.61
Do	do	do	do	To make an address before the county agents, Richmond, Va. To attend and address the Indiana and Illinois Bankers' Associations.	179.06
Do	do	do	do	To deliver an address before the students at State College, Pa.	88.21
Do	do	do	do	To make an address before the State leaders and agents at St. Louis, Mo. To deliver an address before the Wisconsin Potato Growers Association at Marinette, Wis. To address a students' convocation at Madison, Wis.	21.60
Do	do	do	do	To deliver an address before the National Society of Record Associations at Chicago, Ill.	125.87
Do	do	do	do	To attend the Foot-and-Mouth Conference at Chicago, Ill. To deliver an address before the National Marketing and Farm Credit Conference. To deliver an address before the National Swine Growers Association, Chicago, Ill. To deliver an address before the United States Livestock Sanitary Association, Chicago, Ill. To deliver an address before the National Potato Growers Association at Grand Rapids, Mich.	82.54
Do	do	do	do	To deliver an address before the Association of Life Insurance Presidents, New York City.	23.05
Do	do	do	do	To deliver an address before the Tri-State Grain Growers Association, Chicago, Ill. To deliver an address before the students of Purdue University, La Fayette, Ind. To deliver an address before the students of the agricultural college, St. Paul, Minn. To deliver an address before the students at Ames, Iowa. To deliver an address before the Commercial Club, Topeka, Kans.	203.11
Do	do	do	do	To deliver an address before the Farmers Institute, Westminster, Md.	4.29

Do.....	do.....	To speak at a meeting on "New England as a unit in national farm development," and on "New England's future, as result of Eastern States' activity.".....	40.71
Do.....	do.....	To deliver an address before a meeting of agricultural editors.....	54.25
Do.....	do.....	To confer with State officials and allied interests in relation to farmers' cooperative demonstration and agricultural extension work.....	213.65
Do.....	do.....	To address students of Virginia Polytechnic Institute; farmers' convention at Knoxville; and women of home demonstration work, home makers and girls' canning clubs at Knoxville, on the farmers' cooperative demonstration and agricultural extension work of the department.....	68.98
Do.....	do.....	To confer with State officials and allied interests in relation to farmers' cooperative demonstration and agricultural extension work.....	24.65
Do.....	do.....	To make an address before the Holstein Breeders' Association.....	60.60
Do.....	do.....	To assist in the disinfection of premises in cooperative cattle tuberculosis investigations and to collect blood samples.....	173.74
Raleigh, N. C. (May 29-30, 1916).		To perform clerical service.....	125.20
Detroit, Mich. (June 6-12, 1916).		To confer with engineers of the Reclamation Service regarding the possibility of utilizing surplus water power in the production of soluble phosphates and the fixation of atmospheric nitrogen.....	125.63
Points in Maryland and Virginia in the vicinity of the District of Columbia (July 1, 1915-June 30, 1916). (Various trips.)		To investigate peach and other fruit diseases	56.14
Charlevoix, Mich. (July 13-Sept. 9, 1915).		do.....	13.21
Denver, Colo. (Jan. 15-22, 1916).		do.....	40.61
Office of the Secretary.		To investigate pecan diseases.....	34.45
Soils.....		To investigate pear, apple, and other fruit diseases.....	40.60
Confidential clerk.....		To make a study of the handling of perishable fruits and vegetables, reporting daily the receipts and prices of such products on the Baltimore market, and distributing similar information in connection with the market news service of this office.....	125.23
Scientist in investigation of fertilizer resources.		To appear as witness in a case reported for prosecution under the insecticide act of 1910.....	15.45
Plant Industry.....		To confer with dealers relative to supplies to be furnished the Office of Markets and Rural Organization, and determine upon the grades and kinds of same.....	1.70
Waite, M. B.....	Pathologist in charge fruit disease investigations.	Insecticide and Fungicide Board.	
Do.....	do.....	Office of Markets and Rural Organization.	
Do.....	do.....	Clerk.....	
Wade, Wm. H.....	Skilled laborer.	Trenton, N. J. (Feb. 22-23, 1916)	
Wadlin, Miss Olive. Wagaman, W. H.....	Animal Industry.....	Baltimore, Md. (Feb. 1, 1916)	
Waite, M. B.....	Pathologist.....		
Do.....	do.....		
Walker, W. B.....	Assistant in market surveys.		
Wallace, Errett.....			
Walleigh, C. H.....			

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Walleigh, C. H.	Clerk	Office of Markets and Rural Organization.	Baltimore, Md. (Mar. 30, 1916).....	To interview various paper companies concerning kind, quality and quantity of mimeograph paper that could be furnished, and the time required to make deliveries.	\$1.95
Walter, H. K.	Veterinary inspector.	Animal Industry.....	Laurel, Lanham, Md. (Sept. 14, 18, 23, 1915). Chicago, Ill. (Oct. 4-9, 1915). Galant Green, Md. (Dec. 8, 1915).....	To investigate reported outbreaks of foot and mouth disease. To attend a hearing of the Chicago Serum Co. To assist in eradicating foot-and-mouth disease.	6.88 65.50 3.22
Do.	do.	do.....	Trenton, N. J. (Feb. 17-18, 1916).....	To appear as a witness in a case reported for prosecution.	12.90
Walton, G. F.	Assistant chemist.	Chemistry.....	Newark, N. J.; New York, N. Y. (May 10-13, 1916). Columbus, Toledo, Ohio; Chicago, Ill.; Minneapolis, Minn. (May 14-27, 1916). Salt Lake City, Utah; Boise, Idaho; Chicago, Ill. (Aug. 25-Oct. 4, 1915).	To study the manufacture of linseed products and their adulteration.	24.39
Do.	do.	do.....	Frostburg, Md.; West Newton, Marion Center, Falls Creek, Sunnerville, Pa.; Hornell, Rochester, Ithaca, New York, N. Y. (June 21-30, 1916). New York, N. Y. (July 23-Aug. 18, 1915).	To gather and check up data bearing on farm mortgage loan business and with reference to the financing of irrigation projects, especially in matters of bond issues. To continue to make studies of cooperation among farmers in rural communities, and in this connection collect data regarding rural cooperative telephone companies.	129.68 245.93
Do.	do.	do.....	Detroit, Mich. (Aug. 20-Oct. 28, 1915).....	To study market conditions, costs and methods of marketing, also systems of quotations for marketing and distributing dairy products.	95.35
Wanlass, W. L.	Clerk.	Office of Markets and Rural Organization.	Boston, Amherst, Northampton, Springfield, Mass. (Feb. 16-Mar. 11, 1916). Ithaca, Albany, Utica, N. Y.; Springfield, Worcester, Amherst, Boston, Haverhill, Mass. (Apr. 2-12, 1916). New York, N. Y. (Apr. 16-21, 1916).....	To investigate the costs and methods of marketing milk and other dairy products. To investigate the methods, facilities, and costs of marketing dairy products.	125.15 184.67
Warber, G. P.	Assistant in marketing dairy products.	do.....	Chicago, Ill.; Milwaukee, Madison, Wis.; Detroit, Monroe, Mich.; Toledo, Ohio; Erie, Pittsburgh, Johnstown, Pa. (June 3-22, 1916).	To investigate the marketing of milk and other dairy products.	124.95 86.34
Do.	do.	do.....	Philadelphia, Glenolden, Swiftwater, Pa. (July 15-19, 1916).	do.....	35.10 139.89
Ward, A. R.	Senior pathologist.	Animal Industry.....	do.....	To inspect biological laboratories producing viruses, serums, and toxins.	23.52
Do.	do.	do.....	do.....	To investigate polyarthritis of swine.	158.45

Do.....do.....do.....	To inspect biological laboratories producing viruses, serums, and toxins.	202.33
Do.....do.....do.....	To Columbus to attend a meeting of the American Association for the Advancement of Science and deliver an address, "The relation of animals to the maintenance of meat production"; also to Champaign to attend the meeting of the Society of American Bacteriologists, and present a preliminary note on the Bacterium, <i>Phagenes</i> associated with a case of multiple arthritis in a hog; To inspect a laboratory producing viruses and serums.	66.35
Do.....do.....do.....	To test a new method of diagnosing infection of fowls.	20.05
Do.....do.....do.....	To inspect biological laboratories producing viruses and serums.	48.68
Do.....do.....do.....	To inspect biological laboratories producing viruses and serums.	19.90
Do.....do.....do.....	To study various fruits in the interest of fruit identification in connection with pomological investigations.	41.19
Ward, Don D.....	Ithaca, Geneva, N. Y. (July 1-Aug. 3, 1915), Plant Industry.....	72.69
Do.....do.....do.....	Ithaca, Geneva, N. Y. (Oct. 29-Nov. 6, 1915), Ocean Springs, Miss. (May 8-15, 1916), Wilmington, Del. (Dec. 4, 1915).	40.94
Do.....do.....do.....	Springfield, Mass. (Dec. 8-10, 1915).	40.94
Ward, Florence E.....	Assistant in boys' and girls' agricultural club work.	80.43
Do.....do.....do.....	.....do.....do.....	24.17
Do.....do.....do.....	To confer with State leaders and others interested in relation to the organization and conduct of boys' and girls' club work.	425.07
Do.....do.....do.....	To confer with State leaders and district leaders in relation to plans for and conduct of boys' and girls' club work and to assist in demonstrations.	166.20
Do.....do.....do.....	To confer with State officials regarding extension work with women and girls.	52.38
Do.....do.....do.....	To confer with extension specialists regarding home economics work in connection with farm home demonstration.	156.50
Do.....do.....do.....	To confer with extension leaders and assistants in the South in relation to methods of conducting similar methods to farmers' cooperative demonstrations in the North and West.	77.45
Do.....do.....do.....	To confer with extension directors and workers in home economics in relation to the conduct of farmers' cooperative demonstration work, and to attend a conference of home economics workers of the Middle West at Chicago, Ill.	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Ward, Florence E.	Assistant in boys' and girls' agricultural club work.	States Relations Service.	Durham, N. H.; New Haven, Conn. (Apr. 17-20, 1916).	To confer with State officials regarding extension work with women and girls.	\$50.14
Do.....	do.....	do.....	Buffalo, Manchester, Ithaca, N. Y.; Boston, Mass. (May 8-19, 1916).	To confer with extension specialists regarding home economics work in connection with farm home demonstration.	113.06
Do.....	do.....	do.....	New York, N. Y.; Newport, N. H.; New Haven, Conn.; Springfield, Mass. (May 26-June 6, 1916).	To attend the General Federation of Women's Clubs and address the general educational section; to confer with extension specialists regarding home economics work in connection with farm home demonstrations.	89.66
Do.....	do.....	do.....	Terre Haute, Ind.; Kankakee, Ill.; Ames, Iowa; Ithaca, N. Y. (June 12-26, 1916).	To confer with State officials regarding extension work with women and children.	141.22
Do.....	do.....	do.....	Centerville, Sturgis, Mich. (June 28-30, 1916.)	To confer with home economics workers with reference to the organization of woman county agent work in New York State.	20.58
Ward, W. F.	Senior animal husbandman.	Animal Industry.	Points in Virginia, Ohio, Indiana, Iowa, Illinois, Kansas, and Nebraska (July 5-27, 1915).	To purchase and select cattle to be used in the cooperative beef-cattle work to be carried on with the Kansas Agricultural College.	202.52
Do.....	do.....	do.....	Auburn, Birmingham, Ala.; Canton, Springdale, Spartanburg, N. C. (Aug. 7-30, 1915).	To inspect the cooperative beef-cattle feeding work being conducted in North Carolina and the pig-club work being conducted at Auburn, Ala.; also to interview prospective pig-club agents in other points in Alabama.	119.75
Do.....	do.....	do.....	White River Junction, Lyndonville, Middlebury, Shoreham, Vt. (Sept. 15-22, 1915).	To secure information concerning the possibility of raising beef cattle and sheep at certain points and also to get further information on the subject of raising beef cattle in the New England States.	58.47
Do.....	do.....	do.....	Points in Arkansas, Tennessee, Mississippi, Alabama, Georgia, and Kentucky (Oct. 7-27, 1915).	To attend conferences to arrange for cooperative beef cattle extension work.	107.27
Do.....	do.....	do.....	Morgantown, W. Va.; Chattanooga, Tenn., Chicago, Ill. (Nov. 7-18, 1915).	To inspect cooperative beef-cattle work and to make arrangements for future work.	108.11
Do.....	do.....	do.....	St. Louis, Mo. (Nov. 21-25, 1915)	To attend the annual conference of the State, district, and county workers in boys' and girls' extension work and to deliver a short talk on the pig-club work being conducted by the bureau and to show the bureau's pig-club film.	77.98
Do.....	do.....	do.....	Points in Mississippi, Alabama, and Georgia (Dec. 4-22, 1915).	To attend conferences of beef cattle extension workers.	96.01

Do.....	do	do	To assist in the judging at the Farmers' Short Course and Fat Stock Show at Knoxville, Tenn., and to Athens, Ga., for the purpose of consulting with the bureau's cooperative beef-cattle and pig-club agents.	67.77
Do.....	do	do	To inspect the cooperative live-stock demonstration work being conducted in tick-free areas and to visit the Government experimental farm at New Iberia, La., for the purpose of conferring with the officials of the farm regarding beef-cattle breeding and feeding work to be inaugurated at that place.	212.93
Do.....	do	do	To point in Florida to attend a conference of officers of the Bureau of Animal Industry, Plant Industry, Southern Development Association, and the state department of Agriculture, to discuss methods of handling and leading cattle in counties which are contemplating taking up the tick-eradication work. To points in the States of North Carolina and West Virginia for the purpose of inspecting the cooperative beef-cattle work being conducted in cooperation with the State agricultural colleges.	143.51
Do.....	do	do	To attend the Moultrie Live Stock Association meeting and deliver an address; to visit the packing houses at Moultrie and Wayross and a meat-curing plant at Bainbridge, Ga., and to obtain information regarding the methods of procuring live stock for these plants.	48.95
Do.....	do	do	To give instruction and assistance in farm water supply and sewage disposal.	.20
Do.....	do	do	Points in Arkansas, Texas, Mississippi, South Carolina, and Louisiana (Mar. 8- Apr. 1, 1916).	
Do.....	do	do	Jacksonville, Gainesville, Fla.; Greensboro, Raleigh, N.C., Roanoke, W. Va. (Apr. 8-22, 1916).	
Do.....	do	do	Moultrie, Waycross, Bainbridge, Ga. (June 25-30, 1916).	
Do.....	do	do	Hyattsville, Md. (July 21, 1915).....	
Warren, G. M.	Drainage engineer.....	Office of Public Roads and Rural Engineering	East Falls Church, Va. (Sept. 10, 1915).....	
Do.....	do	do	Bethesda, Md. (Oct. 22, 1915).....	
Do.....	do	do	Bethesda, Md. (Oct. 29, 1915).....	
Do.....	do	do	Bethesda, Md. (Nov. 10, 1915).....	
Do.....	do	do	Bethesda, Md. (Nov. 16, 1915).....	
Do.....	do	do	Bethesda, Md. (Nov. 18, 1915).....	
Do.....	do	do	Bethesda, Md. (Nov. 20, 1915).....	
Do.....	do	do	Bethesda, Md. (Nov. 23, 1915).....	
Do.....	do	do	Bethesda, Md. (Nov. 26, 1915).....	
Do.....	do	do	Bethesda, Md. (Nov. 29, 1915).....	
Do.....	do	do	Bethesda, Md. (Dec. 9, 1915).....	
Do.....	do	do	Bethesda, Md. (Dec. 10, 1915).....	
Do.....	do	do	Bethesda, Md. (Dec. 22, 1915).....	
Do.....	do	do	Points in Illinois, Minnesota, South Dakota, Colorado, Wyoming, Utah, Montana, Idaho, Oregon, Iowa, Indiana, Wisconsin, and Ohio (Dec. 24, 1915-Feb. 29, 1916).	
Atlanta, Bowe, Ga.	do	do	Atlanta, Bowe, Ga. (June 24-30, 1916).....	518.55
Do.....	do	do	do	

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Washburn, H. J.	Senior bacteriologist..	Animal Industry.	Beltsville, Md. (Mar. 8, 1916).	To inspect experimental work conducted at the experimental farm.	\$0.08
Do	do	do	Fort Blackmore, Va. (Apr. 7-10, 1916)	To investigate a reported outbreak of pleuro-pneumonia among the cattle.	34.10
Washburn, R. S.	Assistant.....	Office of the Secretary (farm management).	Greeley, Colo.; Salt Lake City, Ogden, Provo, Garland, Utah (July 6-Oct. 23, 1915).	To assist in the investigation on the cost of producing sugar beets.	467.97
Do	do	do	Caro, Bay City, Alma, Grand Rapids, Lansing, Mich.; Paulding, Defiance, Sherwood, Bryan, Toledo, Ohio (Apr. 20-June 30, 1916).	To take enterprise survey records of the cost of producing sugar beets.	251.94
Weber, F. C.	Chemist in charge animal physiological chemical laboratory.	Chemistry	Boston, Mass.; Rockland, Portland, Eastport, Wiscasset, Boothbay Harbor, Me.; New York, N. Y. (Nov. 15-Dec. 2, 1915); New York, N. Y.; Boston, Mass. (May 21-26, 1916).	To conduct investigations relative to the handling, packing, canning, and transportation of fish, and the utilization of waste products.	121.31
Do	do	do	Baltimore, Md. (June 26, 1916).	To appear as a witness in a case reported for prosecution.	45.23
Do	do	do	Various points in New York, Massachusetts, New Hampshire, and Vermont (Aug. 31-Sept. 9, 1915).	do	2.85
Webster, F. M.	Entomological assistant.	Entomology	Lafayette, Ind.; Chicago, Ill.; Salt Lake City, Utah; Forest Grove, Oreg.; Pasadena, Cal.; Tempe, Ariz.; Wellington, Kans.; Charleston, Mo. (Sept. 15-Nov. 6, 1915).	To inspect field stations and field investigations	60.19
Webster, R. O.	Bacteriologist.....	Chemistry	Ekokuk, Iowa; Kansas City, Mo.; Omaha, Nbr.; Sioux City, Iowa (July 1-31, 1915); Kansas City, St. Louis, Mo.; Omaha, Neb.; Anita, Astor, Manila, Iowa (Aug. 1-Sept. 15, 1915).	To conduct bacteriological investigations	114.92
Do	do	do	Saltine, Utah (May 5-17, 1916).	do	159.14
Weeden, W. R.	Messenger boy.....	Animal Industry	Points in Texas and California (Aug. 1-Dec. 19, 1915).	To study the effect which certain poisonous plants have upon live stock.	81.98
Weiant, A. S.	Scientific assistant.....	do	Points in New York (Apr. 2-June 30, 1916).	To assist in the turkey and guinea-fowl investigations.	136.28
Do	do	do	Columbus, Ohio (Sept. 20-25, 1915).	To assist in the turkey and guinea-fowl investigations being conducted by the bureau.	39.82
Wessling, H. L.	Assistant chemist.....	Chemistry	Columbus, Ohio (Sept. 20-25, 1915).	To attend the annual convention of the National Association of Master Bakers.	52.16
Wetmore, Alex.	Assistant biologist.....	Biological Survey	Salt Lake Valley region, Utah (July 1-Sept. 29 and Oct. 12-28, 1915). Trip began during previous fiscal year.	To continue investigations in relation to the mortality among wild ducks in Salt Lake Valley, Utah.	621.55
Do	do	do	Malta, Mont. (Sept. 30-Oct. 11, 1915).	To investigate mortality among waterfowl in the vicinity of Malta, Mont.	97.37

Do.....	do.....	To continue investigations in relation to the mortality among wild ducks in Salt Lake Valley, Utah.	405.30
Whalen, C. V.....	Assistant in marketing livestock and meats.	To investigate methods and facilities pertaining to wholesale slaughtering and meat packing, and distribution of packing-house products.	79.05
Do.....	do.....	.....	104.28
Wharton, Miss G.....	Forest Service.....	To secure information on forest distribution at botanical institutions in New York State.	154.95
Whelpton, P. K.....	States Relations Service.	To assist in the conduct of farm-management demonstrations.	163.16
White, G. C.....	Office of Markets and Rural Organization.	To investigate the handling of watermelons in shipping, the losses in transit, and the causes of such losses. To assist peach growers of Romney, in conference with railroad officials regarding more favorable southbound rates on peaches.	94.07
Do.....	do.....	.....	342.24
Whitton, Miss G. V.....	Clerk.....	To confer with representatives of carriers with a view to improving service now rendered in their reports in connection with the market news service.	1.50
Whitton, Miss G. V.....	Scientific assistant.....	To attend a meeting of the Baltimore Agricultural Transportation Club.	17.40
Whitton, Miss G. V.....	Specialist in charge transportation.	To attend the semiannual meeting of the Railway Development Association.	60.30
Do.....	do.....	To assist in the conduct of a conference of railroad officials and live-stock shippers on the transportation and marketing of live stock.	65.40
Do.....	do.....	To attend a conference of transportation men and persons interested in the live-stock business in regard to a five-day-per-week market.	146.55
Do.....	do.....	To arrange with railroads to furnish reports in connection with the market news service on various farm products.	49.65
Do.....	do.....	58.30
Do.....	do.....	74.00
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Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
White, G. C.	Specialist in charge transportation.	Office of Markets and Rural Organization.	Norfolk, Va.; Wilmington, N. C. (Mar. 19-22, 1916). New York, N. Y. (May 14-17, 1916)	To arrange with railroads to furnish telegraphic reports for the market news service. To confer with transportation men and discuss methods to prevent loss and damage of perishable commodities in transit; also inspect terminal facilities in New York.	\$33.70 28.70
To.	do	do	Baltimore, Md. (May 24, 1916)	To arrange with steamship companies to secure telegraphic advice of shipments of perishables from Norfolk.	1.50
Do.	do	do	Cincinnati, Ohio (June 21-22, 1916)	To confer with members of American Association of Freight Agents regarding cooperation of railroads in our market news service work.	42.00
White, Wm.	Dairy-manufacturing specialist.	Animal Industry.....	Grove City, Pa. (June 19-22, 1916)	To observe methods used in the bureau's experimental creamery and to confer with employees concerning the work now in progress.	27.88
Wichmann, H. J.	Assistant chemist	Chemistry	Seattle, Wash.; Milwaukee, Wis.; Chicago, Ill.; St. Louis, Mo.; Denver, Colo. (Oct. 7-Nov. 4, 1915). Charleston, S. C.; Valdosta, Ga.; Jacksonville, Fla. (June 13-30, 1916).	To consult with various district attorneys and to appear as a witness in cases reported for prosecution.	271.85
Wiggins, M. S.	Field assistant in marketing investigation.	Office of Markets and Rural Organization.	Wester, Ohio; La Fayette, Fort Wayne, Ind.; Danville, Champaign, Chicago, Ill.; Ames, Iowa; Lansing, Mackinaw, Detroit, Mich.; Pittsburgh, Bellefonte, State College, Tyrone, Lemont, Pa. (July 20-Aug. 10, 1915).	To make arrangements in those States for the distribution of market news concerning early potatoes, watermelons, cantaloupes, and peaches.	91.19
Wilcox, E. V.	Scientific and administrative assistant.	States Relations Service.	Blacksburg, Va. (June 26-28, 1916). Amherst, Springfield, Worcester, Greenfield, Mass.; Brattleboro, Vt.; Durham, N. H. (July 3-19, 1915). Cooperstown, New York, Albany, N. Y.; Springfield, Boston, Greenfield, Mass.; Dover, Durham, Laconia, Lancaster, Falyan, Concord, Newport, N. H. (Aug. 25-Sept. 19, 1915).	To inspect State experimental stations under the act of Mar. 2, 1887, and amendatory acts, and to confer with officials of colleges and experiment stations in relation to their working condition.	184.04
Do.	do	do	do	do	26.14 85.88
Wilder, H. J.	Agriculturist	do	do	To inspect farmers' cooperative demonstration work in progress and confer with county agents in relation to the conduct of future work.	125.46
To.	do	do	do	To confer with department, State, and other officials in agricultural communities and to inspect work of county agents in connection with direction and supervision of farmers' cooperative demonstration and agricultural extension work in Eastern States.	43.40
Do.	do	do	New York, White Plains, Albany, N. Y. (Oct. 3-17, 1915).	To inspect and supervise farmers' cooperative demonstration work in progress and confer with county agents in relation to the conduct of future work.	

		42.34
Do.	do.	
Do.	do.	85.20
Do.	do.	49.65
Do.	do.	87.77
Do.	do.	29.41
Do.	do.	55.76
Do.	do.	71.83
Do.	do.	59.43
Do.	do.	44.90
Do.	do.	58.35
Do.	do.	163.82
Do.	do.	253.64
Willard, R. E.	do.	
Williams, O. E.	Assistant dairy manu-	74.90
Williams, R. W.	facturing specialist.	40.75
	Law clerk.	

To inspect work of county agents in connection with the direction and supervision of farmers' cooperative demonstrations and agricultural extension work in the Eastern States and to confer with the State leader in relation to the conduct of future work.

To confer with State leaders of the States Relations Service in relation to the organization, progress and results of farmers' cooperative demonstrations.

To examine demonstration and extension work and to confer with officials in relation to their work.

To confer with State and department officials in relation to the progress and conduct of farmers' cooperative demonstrations, North and West.

To confer with county agents and in connection with regular itinerary, deliver an address before the Fruit Growers' Association.

To confer with State leaders and county agents in relation to the conduct of farmers' cooperative demonstrations and plans for future work.

To confer with State leaders, county agents, and others in relation to the organization, progress, and results of farmers' cooperative demonstrations.

To direct and supervise farmers' cooperative demonstration work in progress and to confer with county agents in relation to conduct of future work.

To assist officials in the conduct of farm-management demonstrations.

To confer with State leaders, county agents, and others in relation to the organization, progress and results of farmers' cooperative demonstrations.

To examine demonstration and extension work and to confer with officials in relation to their work.

To consult with officials of the extension service in Missouri relative to cooperation and taking additional data in Texas; also to close up field headquarters at Brownsville.

To conduct certain butter investigations at the Grove City creamery.

To attend a conference with the district inspectors under the Lacey Act relative to methods of procuring evidence and information incident to violations of the Lacey Act and general administration of the law.

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Williams, R. W.	Law clerk	Office of the Secretary.	Pensacola, Jacksonville, Fla. (Apr. 27-May 14, 1916).	To confer with and assist the United States attorney at Pensacola in certain cases involving trespass on the Florida National Forest, and to confer with the forest supervisor in reference to other legal matters.	\$75.50
Willis, Harry H.	Quarantine inspector..	Federal Horticultural Board.	Boston, Mass.; New York, N. Y (Jan. 7-Feb. 11, 1916).	To inspect foreign potatoes offered for entry at Boston and to confer with the inspector of the board at New York.	143.83
Wilson, J. B.	Assistant chemist	Chemistry	Columbus, Ohio (Nov. 20-24, 1915).....	To appear as a witness in a case reported for prosecution.	71.45
Wilson, P. St. J.	Assistant director	Office of Public Roads and Rural Engineering.	San Francisco, Sacramento, Los Angeles, Cal.; Newark, Ohio; Kansas City, Mo.; Denver, Colo.; Attalia, Wash.; Portland, Oreg.; New Orleans, La.; Austin, Tex. (July 7-Aug. 31, 1915).	To inspect and supervise field work	452.58
Do.....	do.....	do.....	Chicago, Ill. (Dec. 8, 1915).....	To attend meeting of the American Association of State Highway Officials.	66.40
Do.....	do.....	do.....	Atlanta, Ga.; Greenville, S. C. (June 11-16, 1916).	To inspect and supervise field work and advise county officials.	65.00
Winant, F. I.	Veterinary inspector ..	Animal Industry	Points in Maryland and Virginia in the vicinity of the District of Columbia (July 1, 1915-June 30, 1916; various trips). Fredericksburg, Va. (July 16-17, 1915).....	To assist in cooperative tuberculosis investigations.	254.32
Winkler, J. G.	Dairy husbandman	do.....	Points in Maryland, Pennsylvania, Ohio, Michigan, Iowa, Illinois, and Indiana (Aug. 2-Sept. 5, 1915). Points in New York, Massachusetts, and Connecticut (Oct. 15-Nov. 2, 1915).	To deliver an address before a meeting of the farmers' association.	6.30
Do.....	do.....	do.....	Points in South Carolina (Nov. 7-12, 1915). Points in Ohio, Pennsylvania, Maryland, North Dakota, Iowa, and Minnesota (Nov. 17, 1915-Feb. 25, 1916). Points in North Carolina (Mar. 3-22, 1916). Plants in Massachusetts (Mar. 24-Apr. 11, 1916).	To investigate the work of bull associations and to confer with State authorities and prominent breeders concerning this line of work.	186.15
Do.....	do.....	do.....	do.....	To consult with dairy officials of the various States regarding the organization of bull associations and preliminary survey of prospective districts.	112.06
Do.....	do.....	do.....	do.....	To inaugurate and supervise bull association work ..	25.63
Do.....	do.....	do.....	do.....	To supervise bull association work of the bureau now in progress and to attend meetings of dairymen in the interest of such associations.	357.61
Do.....	do.....	do.....	do.....	To assist in the organization of bull associations	107.31
Do.....	do.....	do.....	do.....	To assist in the organization of bull associations and to carry on investigations regarding this class of work.	88.39
Do.....	do.....	do.....	Points in Massachusetts and New York (Apr. 19-May 4, 1916).	To assist in the organization of bull associations and to organize and incorporate the Winchendon Guernsey Breeders' Cooperative Association.	74.67
Do.....	do.....	do.....	Winston-Salem, N. C. (May 4-7, 1916)	To assist in the organization of bull associations.....	19.40

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Do.....	do.....	To assist in the organization of bull associations and to make investigations regarding same.	106.57
Do.....	do.....	To investigate and assist in the organization of bull associations.	37.95
Do.....	do.....	To supervise and assist in organizing bull associations.	147.73
Wise, F. B.....	Plant Industry.....	To investigate the methods of harvesting, shocking, handling, and grading rice, in connection with grain standardization investigations.	314.36
Wolfe, S. L.....	Forest Examiner.....	To do certain work in connection with wood utilization studies for district 7, Washington, D.C. To investigate with regard to markets for Forest Service timber.	148.64
Do.....	do.....	To perform certain work on the forests visited in connection with wood utilization studies for district 7, Washington, D.C.	53.50
Do.....	do.....	To investigate forest products on the areas visited selling values, and other wood utilization questions in connection with proposed sales.	190.00
Do.....	do.....	To make a special study of the handling of perishable fruits and vegetables and of the daily receipts and prices of such products on the Chicago market in connection with the market news service of this office.	48.98
Woodin, I. J.....	Market assistant, vegetables and fruits.	To assist with cooperative cattle tuberculosis investigations and the care and treatment of department live stock.	97.75
Woodward, B. T.....	Veterinary inspector.	Points in the States of Maryland and Virginia in the vicinity of the District of Columbia (July 1, 1915-Apr. 2, 1916, and Apr. 5-June 30, 1916; various trips). Richmond, Va. (Apr. 3-4, 1916).....	12.60
Wootton, E. O.....	Office of Markets and Rural Organization.	Laurel, Bozeman, Helena, Missoula, Mont.; Lewiston, Moscow, Boise, Idaho; Salt Lake City, Ogden, Lucin, Logan, Tintic, Lyndyl, Utah; Tacoma, Vashon Island, Kent, Bainbridge Island, Olympia, Spokane, Pullman, Wash.; Salem, Corvallis, Eugene, Oreg.; Las Cruces, N. Mex. (July 1-Nov. 2, 1915). Fort Collins, Denver, Colo.; Laramie, Wyo.; Logan, Utah; Boise, Nampa, Idaho; Bozeman, Mont.; Spokane, Wash.; Corvallis, Portland, Oreg. (July 1-24, 1915). Berkeley, Cal.; Reno, Nev.; Salt Lake City, Utah; Denver, Colo. (Aug. 7-27, 1915).	476.40
Working, D. W.....	States Relations Service.	To inspect progress of farmers' cooperative demonstration work and to confer with department and State officials in relation to progress and conduct of work.	300.40
Do.....	do.....	To inspect farmers' cooperative demonstration work and confer with members of agricultural extension staff and others at the annual convention of the American Association of Agricultural Colleges and Experiment Station.	118.30

Expenditures for travel, from Washington to points outside of the District of Columbia, performed by certain officers and employees of the Department of Agriculture during the fiscal year ended June 30, 1916—Continued.

Name.	Title.	Bureau.	Destination.	Business or work.	Total expense.
Working, D. W.	Agriculturist.....	States Relations Service.	Portland, Oreg.; Pocatello, Idaho; Salt Lake City, Utah; Spokane, Seattle, Wash.; Kansas City, St. Louis, Mo.; Denver, Colo. (Nov. 13-Dec. 17, 1915); Fort Collins, Colo.; Tucson, Ariz.; Las Cruces, N. Mex.; El Paso, Tex.; Laramie, Wyo.; Moscow, Idaho; Logan, Oxford, Salt Lake City, Provo, Utah; La Grande, Oreg.; Bozeman, Butte, Mont. (Dec. 3, 1915-Mar. 1, 1916). Philadelphia, Pa. (Sept. 16-21, 1915).....	To examine cooperative demonstration and extension work and to confer with officials in relation to their work.	\$291.14
Do.	do.	do.	do.	To confer with extension workers and county agents in relation to cooperative extension work in agriculture and home economics.	657.03
Wright, C. D.	Organic chemist.....	Chemistry	Atlanta, Columbus, Ga. (Dec. 5-10, 1915); Canandaigua, N.Y. (June 10-22, 1916); Syracuse, N.Y. (June 10-22, 1916); Kansas City and other points in Missouri; various points in Nebraska; Chicago, Ill.; Minneapolis, Minn. (May 25-June 23, 1916); Frederick, Md. (Oct. 25-30, 1915).....	To appear as a witness in a case reported for prosecution.	27.95
Do.	do.	do.	do.	do.	58.00
Do.	do.	do.	do.	do.	54.43
Wright, W. W.	Assistant, market business practice.	Office of Markets and Rural Organization.	Hutchinson, Kans.; Enid, Okla.; Chapman, Bloomington, Ill.; Fremont, Neigh, N.D.; Sioux Falls, N. Dak. (July 17-Aug. 17, 1915). York, Pa. (Dec. 6-8, 1915).....	To interview managers in attendance National F. E. Managers' Association relative to Government system grain elevator accounting, to encourage and install same in the various cities.	182.15
Yerkes, A. P.	Assistant agriculturist.	Office of the Secretary (farm management).	Chicago, Ill.; Detroit, Mich. (Dec. 26, 1915-Jan. 1, 1916).	To hold a field conference and make a farm survey of 300 farms in Frederick County, Md.	11.92
Do.	do.	do.	do.	To attend farm tractor demonstrations and obtain data on the cost of harvesting wheat.	291.25
Do.	do.	do.	do.	To obtain data on the use of farm tractors from farmers who are using these outfits.	17.66
Do.	do.	do.	do.	To read a paper on "Economics of the farm tractor," before a meeting of the American Society of Agricultural Engineers at Chicago, and to obtain data concerning farm tractors.	74.50
Do.	do.	do.	do.	To obtain data on farm equipment, especially threshing outfits and haying outfits.	52.97
Do.	do.	do.	do.	To obtain data on farm equipment, especially the handling of hay by means of sweep rakes; also on the use of farm tractors.	19.53
Do.	do.	do.	do.	To obtain information concerning the economic value of farm tractors for orchard work with especial reference to their use in hauling fruit.	1.65
Clarks Gap, Va. (June 28, 1916).....					

			241.55
Yoder, P. A.	Sugar-cane technolo-	Plant Industry.....	
Do.	gist.	do.....	
Do.	do.....	do.....	293.84
Do.	do.....	do.....	57.13
Yohe, H. S.	Expert in drainage organization.	Office of Public Roads and Rural Engineering.....	
Do.	do.....	do.....	180.15
Do.	do.....	do.....	178.46
Do.	do.....	do.....	93.53
Do.	do.....	do.....	117.90
Young, C. O.	Student assistant.....	Chemistry.....	126.20
Young, R. A.	Botanical assistant.....	Plant Industry.....	
Zon, Raphael.	Forest examiner.....	Forest Service.....	
			182.19
			498.62
			55.90
			296.543.12
			296.543.12

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